Lancaster Farming

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... For amber waves of grain...

Lancaster Native Joins Staff

LANCASTER — Kimberly Herr, a May graduate of Millersville State College, joined the staff at **Lancaster Farming**, Monday.

A resident of Willow Street for 22 years, Kim was employed for four years at the Lancaster Intelligencer Journal as a copygirl and intern, which involved general news reporting. She also worked as a correspondent for the Lifestyle section of that newspaper.

While working to pay for college tuition, Kim spent Saturday mornings working as an editor's assistant for Extra, a weekly insert of Lancaster Newspapers.

"I was fortunate to be able to work in newsrooms and gain experience before I graduated from college," Kim said.

In addition to her work in print journalism, Kim also spent a semester at Lancaster's WGAL-TV as an intern on PM Magazine.

"Although working at PM was interesting, it made me realize how much I loved print journalism and wanted to pursue a career in that field," Kim said.

Kim, daughter of Mr. and Mrs. Clarence E. Herr, also wrote for MSC's newspaper for several semesters.

According to Kim, her goal at **Lancaster Farming** is to combine her interest in meeting new people with her love of writing.

"Since I'm relatively new at the farm beat, I am hoping to learn a great deal while meeting all the fascinating people who know the ins and outs of farming," Kim said. "I think interviewing people about their interests and ideas is the best way of getting to know them."

Kimberly Herr

When not busy writing, Kim enjoys tennis, working out at a local health club and trying her hand at new recipes. The more-than-40 plants which decorate her patio also take up a great deal of her time.

Kim, who will be replacing Debbie Koontz, will be working as a general news reporter and editor of the home and youth pages.

Holstein Convention

Pa. bull sells for $100,000

JOYCE BUPP

NORFOLK, VA — A Pennsylvania bred bull sold for $100,000 in the National Holstein Covention Sale, Thursday, to a buying syndicate of primarily Pennsylvania breeders.

Pen-Col Dazzler-ET, a March bull bred by Columbia County's Pen-Col Farm, is sired by Browncroft Jetson and from an excellent Wayne Spring Fond Apollo daughter with records over 32,000 milk and 1300 fat. His second dam is a VG Elevation, his third dam is a 2E Gold Medal.

The buying syndicate, to be known as the 'Dazzler Delegation' includes: Pen-Col Farms, Atlantic Breeders Cooperative, Richard Yule, Frank Jurbula, William Pettit, Odessy Farms, Richard Troutman and Sons, American Marketing Service, Ed Lease, Clyde and Teena Fouss, Swiss Dixie Land and Trust, William Lambert, Richard Higley, John Fleck, Lester Poust, Louis and Barbara Berkley, John Marchezak, Dave Morrow, and Bob Heidelman.

The Pennsylvania bull was the second-high selling bull and the third-high selling individual in the sale.

Topping the consignment group of 124 head was Langdonhurst Valiant Nicki, a Valiant three-year-old, fresh in January that sold for $160,000.

She is from an Ex 91 Elevation dam and a VG 87 granddam , and was consigned by Beneke, Main, Vail and Younger.

Second high seller at $110,000 was Long-Haven Starbuck-ET, a September '82 bull by Valiant. Tristate Breeders of Wisconsin purchased the youngster, which was consigned by Carlos and Douglas Long of Clayton Michigan.

He is from three generations of Very Good dams and his Wayne Spring Fond Apollo dam is a VG 87 with records over 44,000 milk and 1600 fat.

The unofficial sale average reported at this printing was $17,861. The sale total is estimated at $2,214,000.

One special item of interest at the sale was the offering of a 40 year-old catalog from the Dunloggin Farm dispersal. It was consigned by Nelson Rehder of Markesan, Wis. and brought $375.

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Pennsylvania declared Brucellosis free

WASHINGTON, D.C. — Pennsylvania joins 13 other states that are "free" of cattle brucellosis since a new, tougher rating system went into effect last year, a U.S. Department of Agriculture official reported last week.

"Pennsylvania has reached the ultimate goal of becoming free of this wasteful disease in its cattle herds," said Dr. Billy G. Johnson, who directs the national brucellosis program for USDA's Animal and Plant Health Inspection Service.

"It's an achievement that reflects credit on the state's cattle industry," he said, "since no disease can be eradicated without the cooperation of farmers, ranchers and market operators."

State Agriculture Secretary Penrose Hallowell said that Pennsylvania cattle herds are free from brucellosis for the first time since eradication efforts began in the late 1930's.

Hallowell indicated that Pennsylvania was declared a Brucellosis-Free state on June 22 by the U.S. Department of

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Livestock market and auction news

Lancaster Market

Monday, June 27
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1313	107	803	479
Last Monday	1701	170	925	648
Last Year	1206	140	1104	293
Monday's Auction	1232	152	784	479
Last Monday's Auction	1657	188	910	657

CATTLE: Compared to last Monday slaughter steers steady to 50 higher, or 1.00-1.50 higher than last Wednesday; heifers steady; cows 1.00 to mostly 2.00 lower; bullocks steady to 1.00 lower; bulls 4.00-6.00 lower. Supply included 64% slaughter steers, 13% heifers, 8% cows, and 15% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1500 lb. 64.25-66.50, few 66.50-67.00, one small lot 67.50; Choice 2-4 1050-1500. 62.50-64.85; high Good and low Choice 2-3 1000-1400 lbs. 59.50-62.75; Good 2-3 1000-1325 lb. 57.50-61.50; Choice Holsteins 1300-1500 lb. 55.50-59.00, Good 1200-1600 lb. 54.00-55.75; Standard 1-2 48.75-51.50.

SLAUGHTER HEIFERS: Choice 2-3 900-1100 lb. 59.50-62.00, few yield grade 2 62.50-65.50, Choice 2-3 750-875 lb. 54.75-59.50; Good 2-3 900-1150 lb. 54.75-57.00, 700-850 lb. 51.50-54.75.

COWS: Utility and Commercial 1-3 44.00-46.00, few 46.50-48.00; Commercial 3-4 43.00-45.50; Cutter 1-2 42.50-44.00, few 44.00-44.50; Canner and low Cutter 40.50-42.50.

BULLOCKS: Choice 1000-1350 lb. 58.00-59.50, couple 63.50-64.85; Good 1000-1250 lb. 53.00-57.50.

BULLS: Yield grade 1 1150-2000 lb. 52.00-56.50, few 57.00-59.75; yield grade 2 1000-1350 lb. 49.50-52.50.

VEAL CALVES: 150-300 lb. vealers 15.00-20.00 lower, high Good and low Choice 80-140 lb. steady to weak; slaughter calves weak to 5.00 lower, instances 10.00 lower. Demand fair for Holstein bulls to return to farm. One lot Prime special fed 350 lb. bought to arrive at 125.00.

VEALERS: Choice 150-300 lb. 70.00-80.00; high Good and low Choice 160-250 lb. 55.00-70.00, 120-160 lb. 50.00-60.00, 80-115 lb. 45.00-60.00.

SLAUGHTER CALVES: Good and Choice 150-600 lb. 50.00-60.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 60.00-80.00.

SOWS: US 1-3 400-650 lb. 33.00-34.25, couple to 35.00; 300-450 lb. 31.00-33.50.

SHEEP: Spring lambs 4.00-8.00 lower; slaughter ewes mostly 5.00 lower. Supply included around 100 goats, sold by the head.

SPRING LAMBS: Choice and Prime 75-105 lb. 48.00-55.00, few 55.00-60.00; Good 50-90 lb. 40.00-48.00.

SLAUGHTER EWES: Utility and Good 5.00-20.00, mainly 10.00-18.00.

GOATS: Mature goats 15.00-45.00, few 50.00-55.00; kids mainly 20.00-30.00.

Vintage Auction

Tuesday, June 28
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1395	849	38	2
Last Tuesday	1375	832	9	5
Last Year	1274	855	49	0

CATTLE: Compared to last Tuesday slaughter steers firm to 50 higher; heifers not tested; cows 1.00-3.00 lower; bulls 5.00-8.00 lower. Supply included 71 percent slaughter steers and 25 percent cows, with the balance mainly bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1500 lb. 62.25-67.50, few 67.50-69.00, six head 69.25-69.85; Good and Choice 1-2 66.50-68.75; Choice 2-4 1050-1400 lb. 62.75-65.50; high Good and low Choice 2-3 60.00-63.75; Good 2-3 58.00-61.00; Choice 1200-1425 lb. Holsteins 57.00-59.75, Good 54.50-57.35; few Standard 48.00-54.00.

COWS: Utility and Commercial 1-3 44.00-47.00, few 47.50-48.75, couple 50.00-51.50; Commercial 3-4 42.00-45.50; Cutter 1-2 42.75-45.50, few 45.50-46.50; Canner and low Cutter 40.00-42.50, few 37.50-40.00.

BULLS: Yield grade 1 1300-1900 lb. 52.00-55.75; individual 1475 lb. 60.00.

VEAL CALVES: Small supply Good to Choice 150-275 lb. vealers 5.00-10.00 lower, high Good and low Choice 70-125 lb. weak to 3.00 lower. Supply included 665 in graded sale of which 71 percent sold to return to farm.

VEALERS: Choice 180-275 lb. 73.00-80.00, couple 160-175 lb. 83.00-90.00; high Good and low Choice 140-270 lb. 56.00-71.00, 120-140 lb. 55.00-65.00, 80-115 lb. 54.00-61.00, 60-80 lb. 47.00-54.00.

RETURNED TO FARM: 15 head 115 lb. Holstein heifers 70.00; 67 head 90-105 lb. 59.50-62.00. 239 head 100-125 lb. Holstein bulls 76.00-82.00; 62 head 90-95 lb. 70.00-73.00; 86 head small frame 100-120 lb. 60.00-61.00.

SHEEP: Insufficient volume in recent weeks to test trends.

SPRING LAMBS: Few Good and Choice 35-70 lb. 44.00-55.00.

SLAUGHTER EWES: Utility and Good 8.00-17.00, few sold as replacements 20.00-24.00.

GOATS: Couple kids sold by the head at 14.00 and 15.00.

Lancaster Auction

Wednesday, June, 29
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	226	35	557	18
Last Wednesday	290	25	616	7
Last Year	346	39	791	20
Wednesday's Auction	276	36	589	16
Last Wednesday's Auction	280	28	538	7

CATTLE: Compared to Monday high Choice and Prime slaughter steers steady, Good to average Choice mostly 1.00 lower; slaughter heifers not fully tested; cows 1.00-2.00 lower; bullocks 1.00-1.50 lower; bulls not fully tested.

Supply included 63 percent slaughter steers and 27 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1450 lb. 64.50-66.35; Choice 2-4 1050-1350 lb. 61.25-64.25; high Good and low Choice 2-3 59.25-61.00; Good 2-3 58.00-59.50; few Choice 1250-1350 lbs. Holsteins 57.25-59.00.

SLAUGHTER HEIFERS: Good 2-3 875-1025 lb. 53.00-56.00, couple Choice 2-3 56.00-58.00.

COWS: Utility and Commercial 1-3 43.75-47.75; Cutter 1-2 41.00-44.00; Canner and low Cutter 37.00-39.25; load Commercial and Good 2-4 heiferettes 45.00-48.50, few 50.00-55.00.

BULLOCKS: Few Choice 1050-1200 lb. 56.75-58.25; Good 950-1150 lb. 54.00-57.00. Couple yield grade 1 1175-1845 lb. bulls 53.50-55.85.

VEAL CALVES: Insufficient volume for a market test. Few high Good and low Choice 80-115 lb. 45.00-60.00.

SHEEP: Insufficient volume for a market test.

New Holland Auction

Thursday, June 30
Report supplied by action

CATTLE: 1186. Compared to last Thursday slaughter steers very uneven, early sales 1.50-2.00 higher, instances 3.00 higher, late trading steady to 1.00 higher although weighing condition in favor of seller; slaughter heifers not tested; cows weak to 1.00 lower; few bullocks steady; small supply bulls fully steady. Supply included 72 percent slaughter and 20 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1400 lb. 65.75-67.75, around 40 head 68.10-69.00, several late sales 64.50-65.50; Good and Choice 1-2 1100-1375 lb. 65.50-67.10; Choice 2-4 1050-1350 lb. 62.50-65.75, few late 61.50-62.50; high Good and low Choice 2-3 60.00-63.50; Good 2-3 58.00-61.00; Good and Choice 1200-1500 lb. Holsteins 56.00-58.75; few Standard 1-2 52.00-55.00.

SLAUGHTER HEIFERS: Few head Choice 2-3 975-1085 lb. 61.00-62.00; few Good 900-1115 lb. 55.75-57.10.

COWS: Utility and Commercial 1-3 43.00-45.25, few 45.00-45.75; Commercial 3-4 41.00-43.00; Cutter 1-2 42.00-44.00, few 44.00-45.25; Canner and low Cutter 39.75-42.00, few 37.50-39.50.

BULLOCKS: Few Choice 1050-1300 lb. 58.75-61.50.

BULLS: Yield grade 1 1350-1900 lb. 55.00-57.00, couple 58.25-59.25, individual 62.00; yield grade 2 1000-1350 lb. 51.50-55.00.

VEAL CALVES: 438. Vealers over 150 lb. 5.00-10.00 higher, high Good and low Choice 80-150 lb. steady to weak, instances 3.00 lower. Demand good for Holstein bulls to return to farm.

VEALERS: Choice 175-260 lb. 80.00-88.00, few 89.00-94.00; high Good and low Choice 165-270 lb. 69.00-78.00, 120-165 lb. 60.00-74.00, 80-120 lb. 48.00-58.00, few 58.00-61.00, few 65-80 lb. 40.00-48.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 70.00-84.00, few 84.00-88.00, 80-95 lb. 60.00-70.00; few 95-120 lb. Holstein heifers 85.00-93.00.

SHEEP: 48. Spring lambs 3.00-5.00 lower; few slaughter ewes steady.

SPRING LAMBS: Good 40-90 lb. 44.00-49.00, couple Choice 50-85 lb. 50.00-54.00.

SLAUGHTER EWES: Utility 14.00-20.00, few sold as replacement 30.00-32.00.

GOATS: 10. All goats sold by the head, mainly 14.00-22.00, couple 26.00-34.00.

Lancaster Co. Weekly

Friday, July 1
Report supplied by USDA

	Cattle	Calves
This Week	4500	1450
Last Week	5651	1691
Last Year	4222	1483

CATTLE: Slaughter steers 50-1.00 higher, few sales as much as 3.00 higher; slaughter heifers steady; cows weak to mostly 1.00 lower; bullocks steady to weak; bulls steady with last week's close. Supply included 62 percent slaughter steers, 5 percent slaughter heifers, 17 percent cows, 6 percent bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1500 lb. 64.25-67.00, around 50 head 67.50-69.00, six head 69.25-69.85; Good and Choice 1-2 1050-1400 lbs. 65.50-68.75; Choice 2-4 1050-1500 lb. 62.50-65.75; high Good and low Choice 2-3 59.50-63.00; Good 2-3 58.00-61.50; Good and Choice 1200-1500 lb. Holsteins 55.50-59.00; Standard 1-2 48.75-55.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1100 lb. 59.00-62.00, few yield grade 2 62.50-65.50, Choice 2-3 750-875 lb. 54.75-59.50; Good 2-3 900-1150 lb. 53.00-57.00, 700-850 lb. 51.50-54.75.

COWS: Utility and Commercial 1-3 43.00-46.00, few 46.50-48.75; Commercial 3-4 42.00-45.50; Cutter 1-2 42.00-44.00, few 44.00-46.50; Canner and low Cutter 39.75-42.50, few 37.50-39.50.

BULLOCKS: Choice 1000-1350 lb. 58.00-61.50, couple 63.50-64.85; Good 1000-1250 lb. 53.00-57.50.

BULLS: Yield grade 1 1150-2000 lb. 52.00-57.00, few 57.00-59.75; yield grade 2 1000-1350 lb. 49.50-53.50.

VEAL CALVES: Vealers over 150 lb. 5.00-10.00 higher than last week's close; high Good and low Choice 80-115 lb. vealers steady to

(Turn to Page A15)

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365 days a year
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LANCASTER STOCK YARDS
AUCTIONS
NOTICE: ALL MONDAY AUCTIONS WILL BEGIN AT 9:00 A.M.
MONDAY
9:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M.— Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M.— Slaughter Hogs
1:00 P.M.— Feeder Pigs
WEDNESDAY
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 AM.— Veal Calves, Lambs, Hogs
FRIDAY
11:00 A.M.— Stocker and Feeder Cattle
SATURDAY
9:30 A.M.—Slaughter Hogs
FEEDER PIG SALE
TUESDAY, JULY 5
CLOSED SAT., JULY 2
OPEN MON., JULY 4-
INDEPENDENCE DAY
BUSINESS AS USUAL
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Sale Every Tuesday
11 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Wednesday & Saturday
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Hog Sale
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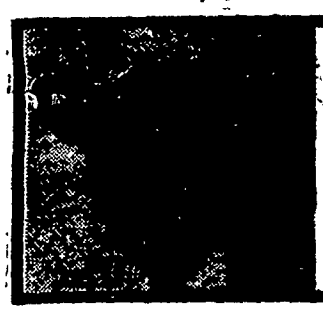
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE:
JONESTOWN
865-2881
Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12:30.



HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, June 27
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts fully 2.00 higher, extremes 3.00 higher; sows firm to 1.00 higher.

BARROWS AND GILTS: US 1-2 205-245 lb. 48.00-48.75., few 48.75-49.50. US 1 205-250 lb. 49.00-51.50, few Selected 52.00-53.35. US. 1-3 220-265 lb. 47.00-48.00.

Tuesday, June 28

Today	351
Last Tuesday	229
Last Year	499

TREND: Compared to Monday barrows and gilts 2.00-2.50 lower.

BARROWS AND GILTS: US 1-2 205-245 lb. 46.00-47.25. US 1 205-250 lb. 48.50-49.50. US 1-3 220-260 lb. 44.00-46.00. US 2-3 250-280 lb. 41.00-44.00.

Wednesday, June 29

HOGS: Compared to Tuesday barrows and gilts generally steady.

BARROWS AND GILTS: US 1-2 205-245 lb. 46.00-46.75, few 47.00-47.75. US 1 205-250 lb. 48.50-50.50. US 1-3 220-265 lb. 45.00-46.00.

New Holland Hogs
New Holland Sales Stable
Monday, June 27
Report Supplied by market

HOGS: 1776 head. Retail- 48.75-50.00; Wholesale- 47.75-48.75; Hvy. weights- 45.50-45.75; Lt. weights- 45.50-48.00.

SOWS: 30.00-34.00.

BOARS: 30.00-42.00.

FEEDER PIGS: 991 head, US 1&2 30-39 lb. 60.00-73.00; 40-49 lb. 63.00-70.00; 50-59 lb. 60.00-69.00; 60-70 lb. 50.00-56.00. US 2&3 30-40 lb. 62.00-70.00; 45-50 lb. 50.00-60.00.

New Holland Feeder-Pigs
Wednesday, June 29
Report supplied by USDA

Today	991
Last Wednesday	547
Last Year	629

TREND: Compared to last Wednesday feeder pigs 10.00-15.00 lower, instances 25.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 126 head 30-39 lbs. 66.00-73.00; 142 head 40-49 lbs. 57.00-68.00; 50 head 45 lbs. 70.00; 113 head 50-59 lbs. 60.00-70.00; 55 head 60-69 lbs. 56.00-66.00; 135 head 70-95 lbs. 50.00-57.00.

US 2-3: 74 head 32-37 lbs. 67.00-77.00; 93 head 40-49 lbs. 52.00-59.00; 7 head 51 lbs. 61.00.

Lancaster Hogs
Lancaster Stockyards
Saturday, June 25
Report supplied by auction

US 1 220-250 lb. 50.00-52.35; US 1-2 220-250 lb. 48.50-49.75; US 2-3 210-240 lb. 46.50-48.00.

Heavy Hogs 250-285 lb. 46.00-50.75. Sows all wts 32.00-34.00. Boar Hogs 31.00-38.00.

New Holland Hogs
New Holland Sales Stable
Monday, June 27
Report supplied by USDA

Today	1776
Last Monday	1686
Last Year	1570

TREND: Compared to last Monday barrows and gilts 50-75 lower.

BARROWS AND GILTS: US 1-2 200-245 lb. 47.85-48.60.

US 1 205-245 lb. 48.75-49.00, Few 49.50-50.00.

US 1-3 200-250 lb. 47.00-47.75.

Lancaster Feeder Pigs
Tuesday, June 28
Report supplied by USDA

Today	950
Last Tuesday	887
Last Year	911

TREND: Compared to last Tuesday feeder pigs under 50 lb. 10.00-14.00 higher, 50-70 lb. steady to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 42 head 25-28 lbs. 90.00-100.00; 140 head 30-39 lbs. 78.00-86.00; 37 head 32-33 lbs. 91.00-96.00; 295 head 40-49 lbs. 75.00-85.00; 139 head 50-59 lbs. 68.00-74.00; 41 head 60-71 lbs. 63.50-69.00.

US 2: 41 head 40-48 lbs. 68.00-73.00.

US 2-3: 28 head 22-31 lbs. 82.00-90.00; 5 head 42 lbs. 68.00; 9 head 54 lbs. 57.00.

Vintage Hogs
Vintage Sales Stables
Saturday, June 25
Report supplied by auction

US 1 & 2, 205-235 lbs., 47.00-48.75; 2 & 3, 200-245 lbs., 45.50-47.00; Sows, 300-550 lbs., 34.00-36.00; Boars, 225-525 lbs., 33.00-36.00.

Wednesday, June 29

US 1 & 2 205-235 lbs., 44.00-46.10; 2 & 3, 200-245 lbs. 42.50-44.00; Sows, 300-550 lbs. 33.00-34.00; Boars, 225-525 lbs. 31.00.

Indianapolis Hogs
Thursday, June 30
Report supplied by USDA

1100 *See Below For Update.

Barrows and gilts very slow, not fully established, early sales 25, instances 50 higher.

BARROWS AND GILTS: US 1-2 215-250 lb. 46.00, near 30 head 46.25.

SOWS: Moderately active, weak to 2.00 lower, most decline over 500 lb. (10%) US 1-3 350-500 lb. 33.00-34.00;

BOARS: One lot near 250 lb. 36.00; over 300 lb. 32.00-33.00.

St. Louis Hogs
Thursday, June 30
Report supplied by USDA

4000 - Barrows & gilts fairly active, unevenly firm to 50 higher, instances 75 higher on 220-250#.

BARROWS & GILTS: US 1-2 220-250 lb. 46.00-46.25; 200-220 lb. 45.25-46.00; US 1-3 210-250 lb. 45.00-45.50; 250-270 lb. 43.50-45.00.

SOWS: Uneven, weights under 500 lb. firm to 50 higher, over 500 lb. steady-50 lower. (About 10%) US 1-3 300-650 lb. 34.50-35.50; Few over 600 lb. 36.00.

BOARS: Over 250 lb. 33.50; 200-250 lb. 37.00.

Peoria Hogs
Thursday, June 30
Report supplied by USDA

3000 - Barrows & Gilts moderate, mostly 1.00 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 45.50-46.50; US 1-3 200-250 lb. 44.50-45.50, some 44.00.

SOWS: Steady to 1.00 higher. (17%) US 1-3 350-500 lb. 35.00-35.50; 500-650 lb. 35.00-36.00, mostly 35.00-35.50.

BOARS: Over 350 lb. 33.00; 250-350 lb. 31.00; under 250 lb. 38.00-40.00.

***Indianapolis Hogs**

1100 - Barrows & gilts very slow, 25-mostly 50 higher, instances 75-1.00 up.

BARROWS AND GILTS: US 1-2 210-250 lb. 45.75-mostly 46.00, few lots 46.25- 46.50, 50 head 46.50. Mixed US 1-3 Few 210-250 lb. 45.50-46.00.

SOWS & BOARS: SAME AS ABOVE.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, June 30
Report supplied by USDA — **Under Federal Inspection**

CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)			
522,000	38,000	1,241,000	86,000
Same Period Last Week (Est.)			
515,000	39,000	1,162,000	87,000
Same Period Last Year (Act.)			
501,000	35,000	1,132,000	86,000

Chicago Grain Futures

(Closing Bids as of Thursday, June 30)

	Corn	Wheat	Soybeans	Soybean Meal
July	3.18	3.44	6.06	176.90
Sept.	2.97¼	3.56¾	6.19	179.70

Trend - Corn is lower, Wheat is higher, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Thursday, June 30)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
June		45.75	
July		46.12	
Aug.	61.42	45.12	
Nov.			7.53

Trend - Cattle are lower, Hogs are lower, potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

J.M. HOOBER
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Every Tuesday - Starting at 1 P.M.

CLOSED SATURDAY, JULY 2
OPEN MONDAY, JULY 4
INDEPENDENCE DAY, BUSINESS AS USUAL
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Lancaster Stockyards
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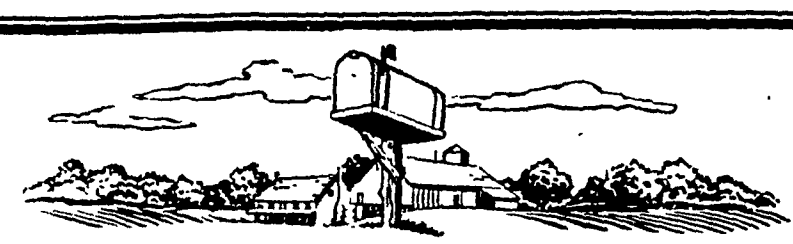

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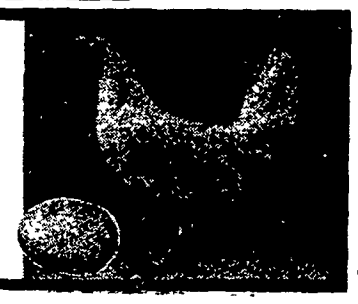
POULTRY MARKETS



N. E. Weekly Shell Egg Report

Tuesday, June 28
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	94-96	91-93	72-74	53-55
Mostly	94	91	72	53
N. HAMP.	82-86	74-78	60-64	40-44
Mostly	84	76	62	42
R.I.	83-89	79-86	62-67	42-48
Mostly	83-85	79-80	62-63	43-45
VERMONT	93-1.02	89-99	73-79	–
Mostly	97	94	75	–
MAINE	91-94	83-91	69-72	49-53

X Includes Central and Western Sections only.

Philadelphia Eggs

Thursday, June 30
Report supplied by USDA

MARKET COMMENT: Prices are lower. Cartoned egg orders are irregular with most dealers noting an improvement, but only to fair levels. Much of the improvement is attributed to a loss of a delivery day Monday, rather than a pick up in demand. Jumbo short. Extra large are slightly more available with dealers' floor stocks in a range of barely adequate to adequate. Graded loose large and mediums are ample and discounting is very common and needed in order to consumate a sale. Class I's are available and the heavier weights can usually be moved, but lighter weights are more difficult to clear. Class II's are ample to burdensome; Class III's are ample with some of these classes moving to breakers. Undertone range is from weak to steady.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 67-73; A Large 66-72; A Medium 53-59.

Delmarva Poultry

Thursday, June 30
Report supplied by USDA

Market Comment: Ready to cook movement on whole birds is good and sufficient to keep production clearing quite satisfactorily. Legs are short and wanted. Leg quarters and wings continue to clear, but some plants found the demand not as brisk as before. Cutlets and breasts continue to struggle and discounting is evident from several quarters. L.T.L. asking prices are 2 cents higher at 51 to 55 cents. Fodder schedules are heavy. Live supplies are fully adequate. Average weights are generally desirable. Undertone is steady.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 1,954 June 30; Actual 1,906 June 28; Actual 1,961 June 28; Average Weights 4.23 June 28; 4.28 June 21.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, June 28
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.52-1.64 per lb.

MUSCOVY DUCKS, HENS: range 1.45-1.57 per lb.

PEKIN DUCKS: range .30-.38 per lb.

PULLETS: 5-7 lbs. range .26-.40 per lb.

RED FOWL: 4-5 lbs. range .16-.20 per lb.

RED FOWL: 5-6 lbs. range .24-.32 per lb.

CROSSBRED FOWL: 6-9 lbs. range .16-.28 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.60 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .18-.45 per lb.

GUINEA FOWL: range 1.90-2.70 per lb.

BANTY ROOSTERS: range 2.25-3.75 ea.

BANTY HENS: range .50-1.25 ea.

GEESE: 9-12 lbs. range .30-.48 per lb.

TURKEYS: 12-23 lbs. range .22-.28 per lb.

BROILERS: 4-6 lbs. range .14-.22 per lb.

LEGHORN HENS: range .05-.11 per lb.

BUNNIES: range .50-.75 each.

LEGHORN ROOSTERS: range 14.00-26.00.

PIGEONS: range .90-1.20 ea.

WHITE PIGEONS: range 1.50-1.75 ea.

RABBITS: 4-6 lbs. range .10-.20 per lb.

RABBITS: 7-12 lbs. range .05-.12 per lb.

GUINEA PIGS: range .50-1.00 ea.

GOATS: range 20.00-40.00 ea.

KID GOATS: range 14.00-30.00

TOTAL AMOUNT COOPS: 1,008

New York Multiple Drop Broiler Report

Thursday, June 30
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 50-55; average, 54.38. Boxes, 12,613.

Weekly New York Egg Market

From Friday, June 24 to July 1

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	82	82	80	79	79
Ex Large	78	78	76	75	75
Large	72	72	70	69	69
Mediums	60	60	58	57	57
Pullets	45	45	44	44	44
Off Grade	66	62	64	63	63
BROWN					
Jumbo			–	–	–
Ex Large	87	87	86	86	86
Large	82	82	80	79	79
Mediums	62	62	60	60	60
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	42	42	41	41	38
Checks	40	40	39	39	36

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	June 28 Tuesday	June 30 Thursday
Class 1 - Large	48 lbs.	55	54
Class 2 - Large	45 lbs.	44	44
Class 3 - Medium	42 lbs.	41	38½
Class 4 - Small	39 lbs.	34	31
Breaking Stock	48 lbs.	48	47
Checks	48 lbs.	43	42

Eastern Pa. & N.J. Poultry

Thursday June 30
Report supplied by USDA

Market Comment: Prices relatively unchanged for both this and next week's deliveries. Plants are running full schedules this week, but will reduce operations in line with the 4th of July holiday. Offerings are adequate for current needs. Canner pack movement is fair. Undertonw is cautious and no more than steady.

Prices Paid at Farm: Light Type Hens: 10-11, mostly 10½-11.

F.O.B. Plant: 12½-13½, mostly 13-13¼.

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Record-Express Office Building
Phone: Lancaster 717-394-3047
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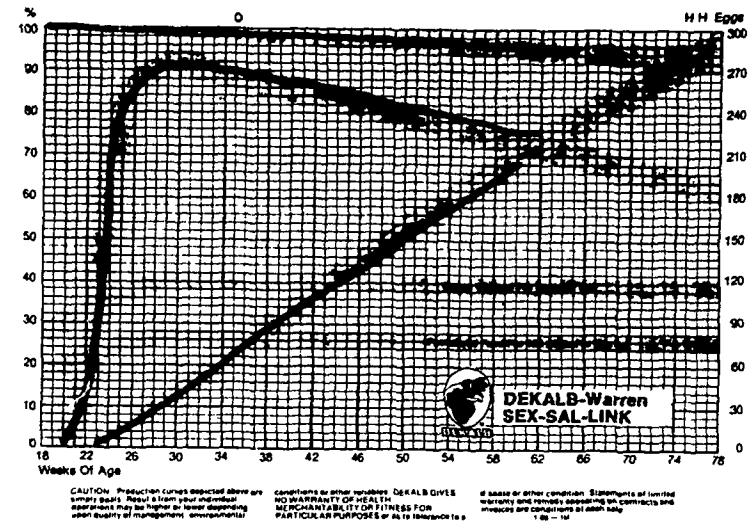

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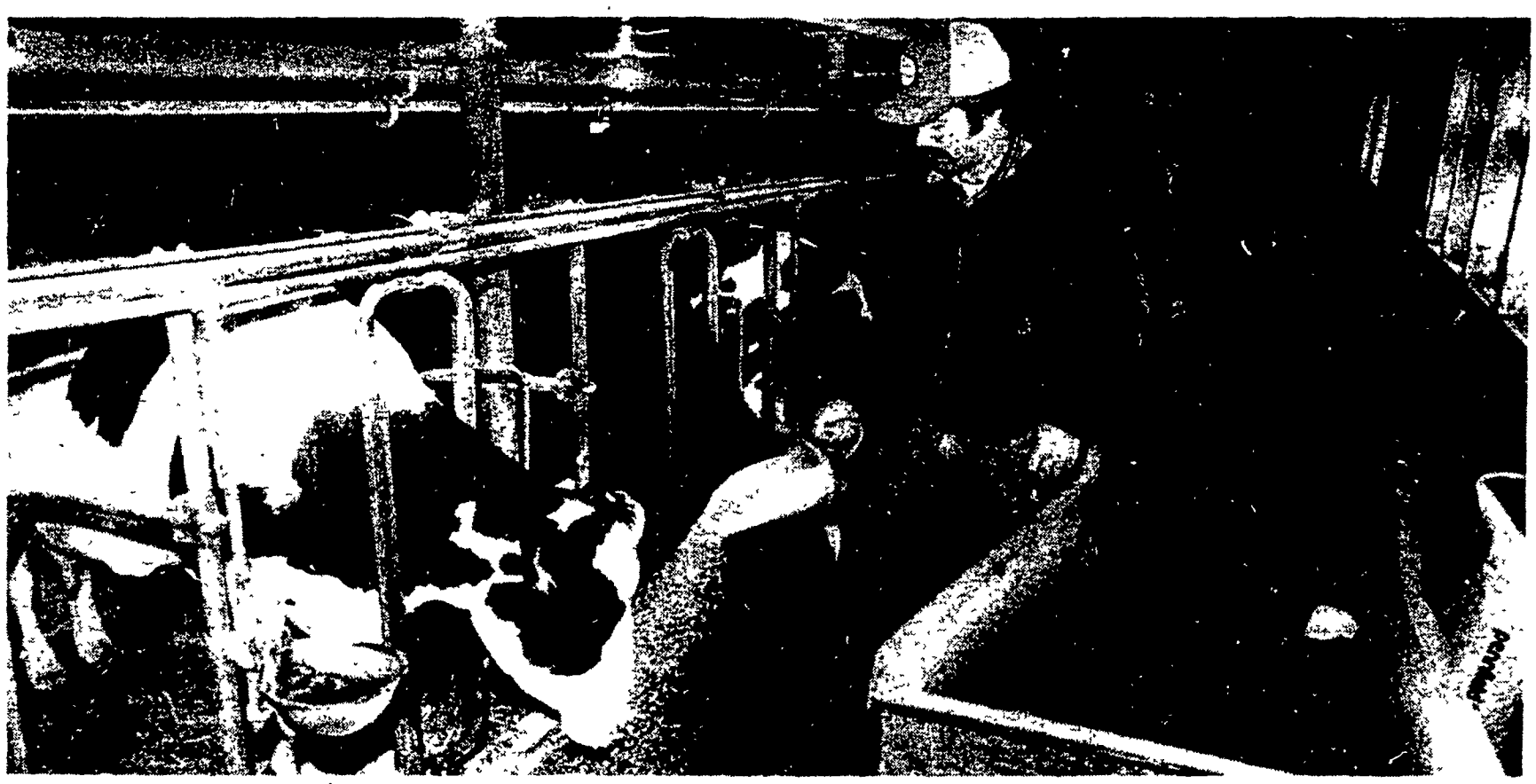
$156.78 Net/Ton	$166.43 Net/Ton	$169.85 Net/Ton

Here is what it costs to make your own 16% grind and mix ration

Ingredient	Cost/Unit	Total Cost	Crude Protein
440 lbs. 48% Soybean Meal	$218.00/Ton	$47.96	211 lbs.
400 lbs. Shell Corn	$ 3.68/Bushel	$26.28	34 lbs.
1000 lbs. Ear Corn	$105.00/Ton	$52.50	75 lbs.
100 lbs. Molasses	$ 7.00/Ton	$ 7.00	3 lbs.
60 lbs. Vitamin-Mineral Premix	$ 17.82/40 lb. bag	$26.73	—0—
Grinding & Mixing Charge	$ 9.50/Hammermill Mix	$ 7.95	—0—

TOTAL COST PER TON: $168.42 323 lbs. = 16.1%



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Quality - Performance - Service

Good's Hay

Leola, Pa.
Wednesday, June 29
Report supplied by auction

72 loads.

Timothy, 67-100; Corn, 72-109; Straw, 58-99; Alfalfa, 51-90; New Alfalfa, 73; Mixed Hay, 49-117; New Hay, 72; New Clover, 73; Oats, 2.25 a bushel.

Kiester's Hay

Middleburg, Pa.
Tuesday, June 28
Report supplied by auction

16 loads.

Alfalfa, 47.00-115.00; Mixed Hay, 50.00-80.00; and Straw, 60.00-77.50.

Green Dragon Hay

Ephrata, Pa.
Friday, June 24
Report supplied by PDA

23 loads hay and 10 loads straw.

Alfalfa, few 48.00-86.00, one load 40.00; Mixed hay 49.00-79.00, few 16.00; Timothy hay, few 100.00-115.00, one load 66.00; Clover, one load 89.00; Straw 50.00-106.00, mostly 60.00-77.00; Earn Corn, 13 loads 101.00-108.00, few down to 81.00; Oats, one load 1.61 per bushel.

Regional Hay

Friday, June 24
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton).

New crop Hay & Straw mostly steady to weak.

Alfalfa 55.00-75.00; Mixed hay 55.00-65.00; Timothy hay 40.00-65.00; Straw 45.00-60.00; Mulch 20.00-35.00.

New Holland Hay

New Holland Sales Stables
Monday, June 27
Report supplied by auction

77 loads.

Market is steady.

Timothy, 120-129; New Alfalfa, 71-97; Alfalfa/Timothy Mixed, 80-90; Timothy/Clover Mixed, 70-80; Grassy loads, 61-70; Timothy New, 70-90; Ear Corn, 101-110; Off Quality Corn, 62-97.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, June 28
Report supplied by auction

10 loads.

Alfalfa, 59.00; Mixed Hay, 35.00-65.00; Timothy, 60.00-61.00; Clover, 60.00-62.00; Straw, 50.00; and Ear Corn, 1.05-1.10.

Pa. Grain

Monday, June 27
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn uneven, mostly steady to 5 cents higher. Wheat & Ear Corn steady to strong. Barley, new crop on the market in most areas with fairly strong prices. Oats mostly steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.40-3.70, average 3.57, New Crop 2.76-2.99; Wheat No. 2 range 3.31-3.70, average 3.51, New Crop 3.40-3.58; Barley No. 3 range 1.90-2.15, average 2.01; Oats No. 2 range 1.75-1.95; average 1.84; Soybeans No. 1 range 5.70-5.90, average 5.79, New Crop 5.73-5.94; Grain Sorghum #2 range 2.90, average 2.90; Ear Corn range 94.00-100.00, average 97.03.

Central Pa.

Corn No. 2-y range 3.40-3.60, average 3.51; Wheat No. 2 range 3.20-3.45, average 3.36; Barley No. 3 range 1.95-2.20, average 2.07; Oats No. 2 range 1.50-1.90, mostly 1.60-1.80, average 1.71; Soybeans No. 1 range 5.25, average 5.25; Gr. Sorghum #2 range 3.20, average 3.20; Ear Corn range 85.00-97.00, average 91.33.

South Central Pa.

Corn No. 2-y range 3.35-3.50, few reported 3.65, average 3.49; Wheat No. 2 range few reported 3.00-3.40, average 3.26; Barley No. 3 range 1.75-2.00, average 1.91; Oats No. 2 range 1.75-1.95, average 1.82; Ear Corn range 85.00-100.00, average 93.83.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.40-3.68, average 3.53; Wheat No. 2 range 3.25-3.65, average 3.43; Barley No. 3 range 1.90-2.20, average 2.01; Oats No. 2 range 1.60-1.95, average 1.76; Ear Corn range 85.00-100.00; average 94.18.

Western Pa.

Corn No. 2-y range 3.20-3.60, average 3.35; Wheat No. 2 range 3.10-3.20, average 3.14; Barley No. 3 range 1.95, average 1.95; Oats No. 2 range 1.60-1.75, average 1.66; Ear Corn range 80.00-91.00, average 84.67.

Greencastle Livestock

Greencastle, Pa.
June 27, 1983
Report Supplied By USDA

CATTLE: Butcher Steers-Choice up to 63.00, Butcher Steers-Medium-Good 52.00-61.00, Butcher Heifers-Choice 59.00-60.50, Butcher Heifers-Medium-Good 45.00-58.50, Butcher Cows-Utility-Good 43.00-48.00, Butcher Cows-Canners and Cutters 40.00-47.00, Butcher Cows-Shells down to 35.00, Butcher Bulls-Medium-Good 50.00-59.00, Stock Steers-Medium-Good up to 68.50, Stock Heifers-Medium-Good up to 51.00.

CALVES: Medium-Good-Calves-160-220 lbs. 55.00-70.00, Medium-Good Calves-125-160 lbs. 50.00-65.00, Medium-Good Calves-100-120 lbs. 50.00-60.00, Medium-Good Calves-80-100 lbs. 45.00-55.00, Holstein Bull Calves up to 75.00, Holstein Heifer Calves up to 97.50, Light and Green Calves down to 20.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs. 41.00-46.25, Good-Choice Butcher Hogs 225-250 lbs. 45.50-46.25, Good-Choice Butcher Sows 400 lbs., down up to 33.00, Good-Choice Butcher Sows 400 lbs. up to 34.00, Heavy Boars 28.00-30.00, Pigs-Per Head 11.00-30.00.

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MONDAY

EARLY BIRD HOG SALE
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

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WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

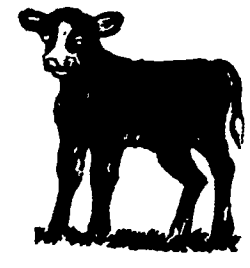
11:00 AM

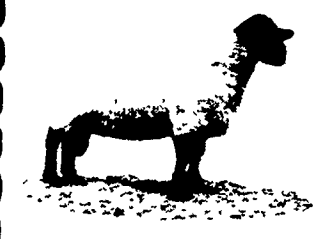
BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Central U.S. Carlot

Wednesday, June 29
Report supplied by USDA

Compared to Tuesday's 4:00 P.M. report: Steer carcasses weak to $1.00 lower early but not tested late. Heifers $1.00 to $2.00 lower. Demand and trading light for moderate supplies. The gross boxed beef carcass cutout value declined $.38 to an estimated $105.05 per cwt.

Sales reported on 43 loads of steer and heifer carcasses.

STEER BEEF

17½ Loads including 7 to processors and 10 ½ to chain stores.

FOB Omaha Basis

Choice 3 600-800 lbs. 101.00, early, weak-1.00 lower.

Choice 3 600-700 lbs. 98.50-100.50.

Choice 2 600-700 lbs. 99.50-102.50.

GD 2 & LO 3 600-700 lbs. 93.00-93.50.

Choice 2-3 600-900 lbs. 93.00-94.00, Late 93 (Hols) 1.00 lower.

HEIFER BEEF

25½ Loads including 22 to processors, 2 to packers and 1½ to chain stores

FOB Omaha Basis

Choice 3 550-700 lbs. 97.00-98.00, Late 97.00, 1.00-2.00 lower.

Choice 3 500-550 lbs. 94.00, 1.00 lower.

Choice 3 400-500 lbs. 92.00, 1.00 lower.

GD 2 & LO 3 550-700 lbs. 90.00, 1.00-2.00 lower.

GD 2 & LO 3 600-700 lbs. 91.50.

COW BEEF

6 Loads

Few Sales $1.00 to $1.50 lower than last week. Demand and offerings light.

FOB Omaha Basis

Bkrg Utlty 3-4 450&up lbs. 73.00 Midwest, 1.00 lower..

Bng Utlty 2-3 400&up lbs. 77.00 Midwest, 1.50 lower.

PRIMAL BEEF CUTS
1 Loads
FOB Omaha Basis
Good & Choice 2-3

Short Plates 53.50.

BONELESS PROCESSING/ BEEF TRIMMINGS
103 Loads
FOB Omaha Basis

90% Chem Lean Fresh 112.00-113.00.

50% Chem Lean Fresh 48.00-49.00, Bulk 48.00.

FOB Amarillo Basis

90% Chem Lean Fresh 112.50-113.50.

90% Chem Lean Frozen 114.00.

85% Chem Lean Fresh 106.00.

Compared to Tuesday's 4:00 p.m. report: Demand and supply moderate. Trading active on loins and hams, moderate on other items. Fresh pork loins steady to $3.00 higher except 17-22 lbs. $1.50 lower. Skinned hams steady to $.75 higher. Bellies 14-16 lbs. $5.00 lower.

Sales reported on 28 loads plus 1 load of trimmings.

FRESH PORK CUTS

LOINS: (Regular) - 14-17 lbs. 87.00-90.00, 2.00-3.00 higher; 17-22 lbs. 83.00 1.50 lower. (Retail Trim) - 14-17 lbs. 95.00-97.00, steady 14-17 lbs. 87.50-90.00 clr chnl, no comparison 14-17 lbs. 99.00 short cut, no comparison.

PICNICS: 4-8 lbs. 48.00.

BOSTON BUTTS: 4-8 lbs. 82.00; 4-8 lbs. 90.00 special trim

SPARERIBS: 3.5-5.5 lbs. 119.00 frozen

SKINNED HAMS: 14-17 lbs. 62.00, Steady to firm; 17-20 lbs. 60.00-61.75, Steady-.75 higher; 20-26 lbs. 62.00.

BELLIES: (Sdls, Skin On): 12-14 lbs. 62.00, No comparison; 14-16 lbs. 62.00, 5.00 lower.

BONELESS PROCESSING/ PORK TRIMMINGS
(Chemical Lean)

42% Lean Trimmings Fresh 36.00, steady.

Joliet Cattle

Thursday, June 30
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 3225; 5 days last week 2832; same period a year ago 2616. Trading slow to moderate for the week. Slaughter Steers ended the week steady to 2.00, instances 3.00 lower compared with Wednesday of last week, with the most decrease coming on good to average Choice Steers 1000-1150 lb. Slaughter Heifers ended the week steady. Cows not enough to quote.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1200-1400 lbs. 64.00-65.25, load 65.50 Monday; 64.00-64.50, load 65.00 Wednesday. Choice 2-4 1050-1150 lb. 63.00-67.00, mostly 65.00-66.50 Monday; 62.50-64.00, load 64.50 Wednesday. Choice 2-4 1150-1350 lbs. 63.00-65.50 Monday; 62.50-64.00 Wednesday. Mixed Good and Choice 2-3 1000-1200 lbs. 63.00-65.00 Monday; 61.00-62.50 Wednesday. Load Choice 2 1700 lbs. Holsteins 58.00 Monday.

SLAUGHTER HEIFERS: Few loads of Mixed Choice and Prime 3 975-1090 lbs. 63.50 Monday. Choice 2-4 900-1050 lbs. 61.00-63.00, mostly 61.50-63.00. Mixed Good and Choice 2-3 875-1000 lbs. 59.00-61.50.

Peoria Cattle

Thursday, June 30
Report supplied by USDA

Compared to last week Slaughter Steers mostly 3.00 to 4.00 lower. Heifers steady to .50 lower. Cows steady to 2.00 higher. Bulls steady. Trade slow to moderate during the week. Slaughter Steers sold under pressure with the brunt of the downward price skid on 1050-1150 lbs. consignments. Majority of supply Good to Choice 2-3 Steers and Heifers with 4% Cows and Bulls receipts this week about 3500 as compared to 3164 a week ago and 2674 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1250 lbs. 62.50-64.00, 1250-1350 lbs. 61.50-63.00. Several loads and part loads 1075-1150 lbs. suitable for cme Monday at 65.00-66.00. Good and Choice 2-3 900-1100 lbs. 59.00-62.00 Good 58.00-60.00. Holsteins: Good and Choice 1-3 1350 lbs. 56.50. Package Good 50.00.

SLAUGHTER HEIFERS: Choice 2-4 900-1050 lbs. 60.50-62.00, load 1000 lbs. Monday 62.50. 850-900 lbs. 58.00-60.50. Good and Choice 2-3 850-1050 lbs. 58.00-60.50. Good 54.00-58.00.

COWS: Utility 1-3 40.00-43.00, few 44.00. Cutter 36.00-40.00. Canner and low Cutter 30.00-36.00.

BULLS: YG 1 1250-2000 lbs. 51.00-55.50.

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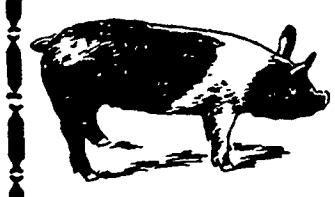
7:00 P.M.-Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor



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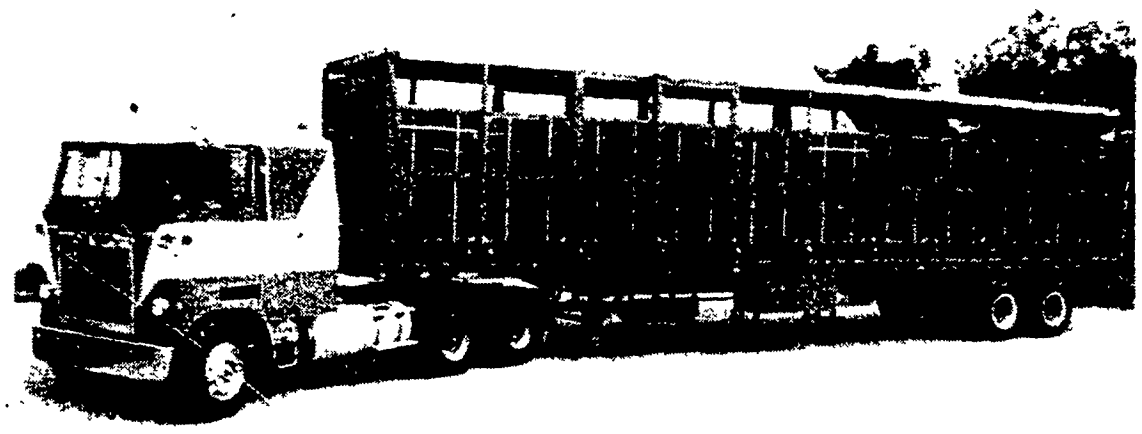

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

JULY 4-10, 1983

Make hay while the sun shines.

Don t let weeds take over the garden First talking movie, New York City, July 6, 1928 New moon July 10 (Sun) Average length of days for the week, 15 hours, 9 minutes Scopes evolution trial began in Dayton, Tenn , on July 10, 1925 Chief Justice Earl Warren died July 9, 1974 134°F recorded in Death Valley, Calif July 10 1913

Laziness travels so slowly that poverty soon overtakes him

Ask the Old Farmer: Can you tell me the ingredients (and source for obtaining them) to make the old red paint' so commonly used years ago on furniture? E L , Concord, N H

Mix a small quantity of Venetian red powder with fresh skimmed milk You will have to hunt around masonry and paint stores for the red This was used mainly on pine furniture

Home Hints Save leftover brewed coffee by pouring it while still hot into a thermos then you won t have to reheat it later when you feel like another cup

OLD FARMER'S WEATHER FORECAST

New England: Rain, heavy inland to start, showers mild temperatures midweek rainy and cool weekend

Greater New York-New Jersey: Cool, few showers for the week week s end is rainy and cool

Middle Atlantic Coastal: Thundershowers cool temperatures for the week

Piedmont & Southeast Coastal: Week starts sunny scattered showers, cloudy turning cool midweek rainy very cool weekend

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New Wilmington Auction

New Wilmington, Pa.
Monday, June 27
Report supplied by PDA

CATTLE 227. Compared with last Monday's market, slaughter cows $2 to $2.50 lower. One Choice slaughter steer at 64.25, few Good 57.50-60.50, few Standard 50.00-52.75. One Choice slaughter heifer at 58.00, few Good 55.00-56.00, few Standard 46.00-51.25. Utility & Commercial slaughter cows 44.50-47.75, few 48.25-50.00, Cutters 41.50-45.00, Canner & Low Cutter 32.00-41.50, Shells down to 26.50. Yield Grade #1 1120-1865 lbs. slaughter bulls 51.75-57.25, one at 65.00. Few Medium & Large Frame #1 370-515 lbs. feeder steers 61.00-69.00, few 650-850 lbs. 52.00-56.00; Medium & Large Frame #1 360-550 lbs. feeder heifers 45.50-53.00, few to 60.00, 600-740 lbs. 42.00-47.00, Medium & Large Frame #2 380-725 lbs. 35.00-45.00.

CALVES 261. Vealers grading Good & Choice $5 lower, Standard fully steady. Choice vealers 78.00-92.00, Good 62.00-79.00, Standard 50.00-61.00, Standard & Good 90-125 lbs. 52.50-65.00, 65-85 lbs. 45.00-55.00, Utility 45-125 lbs. 17.00-52.50. Farm calves, holstein bulls 95-125 lbs. 90.00-106.50; holstein heifers 75-135 lbs. 60.00-85.00

HOGS 499. Barrows & gilts .50 higher. US No. 1-2 210-240 lbs. barrows & gilts 47.00-47.60, one small lot 48.10, No. 1-3 200-250 lbs. 45.50-47.10, No. 2-3 240-290 lbs. 42.00-44.85. Sows $1.50 to $2 higher. US No. 1-3 300-595 lbs. sows 32.00-39.00, few No. 2-3 390-630 lbs. 25.00-32.00. Boars 28.50-33.00.

PENNSYLVANIA MARKETS

FEEDER PIGS 61. US No. 1-3 20-35 lbs. feeder pigs 18.00-29.00 per head, No. 1-3 35-45 lbs. 28.00-36.00, one lot No. 1-3 60 lbs. 50.00 per head.

SHEEP 145. Choice 65-80 lbs. spring slaughter lambs 55.00-69.00, 80-110 lbs. 40.00-53.00, Good 60-75 lbs. 45.00-56.00, 80-95 lbs. 30.00-39.00. Slaughter ewes 7.00-19.00.

Carlisle Auction

Carlisle, Pa.
Tuesday, June 28
Report supplied by auction

CATTLE: Steers were 3.00 lower; Heifers were 2.00 lower; Cows were 1.75 lower. Steers: Good 58.00-60.00 Standard 54.00-57.75; Utility 52.75 Down. Heifers: Good 52.25-55.75; Standard 45.75-49.75; Utility 44.75 down. Cows: Utility & Commercial 44.00-47.00; Cutter 40.00-43.75; Canner & Low Cutter 37.00-40.50; Shells 36.00 down. Bulls: Standard 1540-1685 lbs. 51.25-53.00 Individual 1620 lbs. 47.00.

FEEDER CATTLE:Steers: Good 675 lbs. 69.00 Medium 320-495 lbs. 56.00-58.00 Medium 600-800 lbs. 50.00-53.00. Heifers: Good 370 lbs. 54.00 Medium 220-290 lbs. 48.00-49.00 Standard 145-180 lbs. 36.00 Medium 405-427 lbs. 45.00-47.00. Bulls: Good 235-425 lbs. 50.00-56.00 Medium 335-405 lbs. 42.00-48.00.

CALVES: Vealers were 5.00 lower; Back to Farm Calves were 3.00 lower for Hol. Bulls and 9.00 lower for Hol Heifers. Vealers: Choice 70.00-80.00 Good 60.00-75.00 Standard & Good 50.00-60.00 Standard & Light 55.00 Down. Farm Calves: Hol. Bulls 75.00-81.00 Hol. Heifers: 60.00-76.00.

HOGS: .25 higher US No. 1-2, 46.00-47.85 No. 1-3, 45.50-46.50 No. 2-3 (Light) 36.00-41.00. Sows: 3.00 lower; US No. 1-3, 33.00-35.00 No. 2-3, 28.00-32.25 Boars: Few offered; Heavy 27.00-30.50.

FEEDER PIGS: Steady Prices US NO. 1-3, 30-35 lbs. 21.00-31.00 Hd. No. 1-3, 45 lbs. 36.00 Hd.

SHEEP: Lambs: Medium 41.00-44.00 Utility 36.00-40.00 Goats: Individual 57.50 Hd. Bulk 10.00-29.00 Hd.

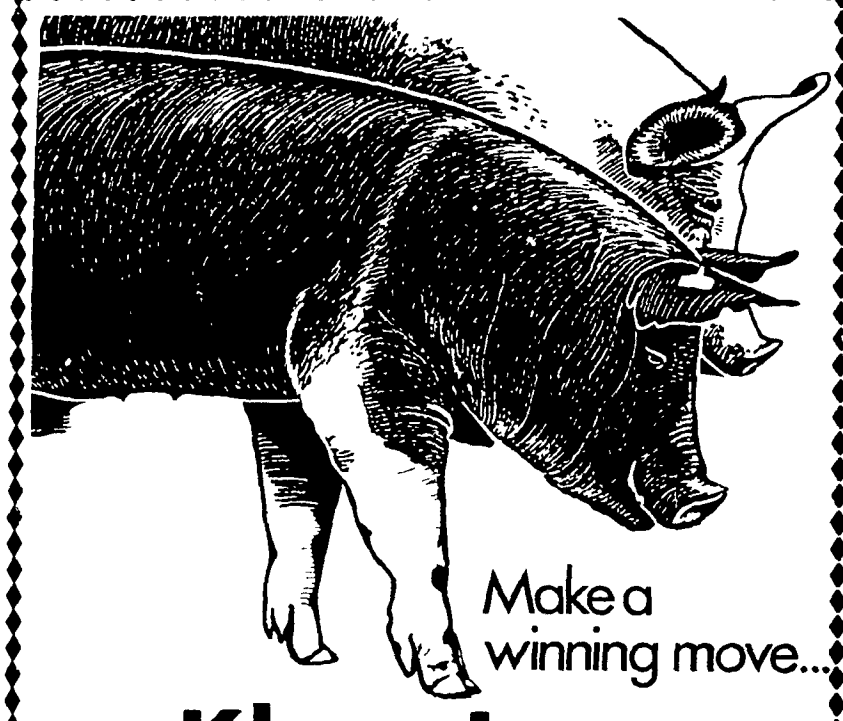
Special State Graded Pig Sale Friday, July 8th, 1:30 P.M.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, June 27
Report supplied by auction

Holstein Hfr. Calves to 70.00; Veal Calves 60.00-75.00; Vealer Bull Calves 65.00-72.00; Slaughter Calves 52.00-60.00; Grassers & Feeders 34.00-58.50; Lambs 38.00-55.00; Sheep 12.00-17.50; Hogs, 200 to 250 42.00-45.00; Sows 33.00-34.50; Boars 25.00-34.50; Pigs 15.00-37.00; Heifers 41.75-50.00; Steers 44.00-55.00; Steers, feeder 41.00-58.00; Bulls 47.00-55.75; Cows, utility 44.00-47.00; Cows, fat 40.00-44.50; Cows, medium 38.00-42.00; Cows, poor or small 32.00-37.00; Cattle Market real active; Calf market steady; Horses small to 155.00; Ponies to 65.00; Goats 10.00-31.00; Hay none; Straw none.

Remarks: Sale as usual next Monday the 4th of July.



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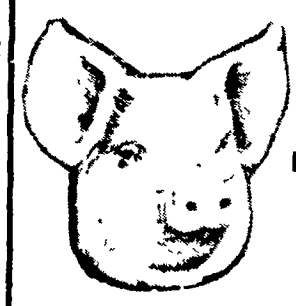

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Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

June 23-29
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 3,257.

TREND: Steady to $4 lower.

Southwestern, Va.
Auction Summary
June 23-29

STEERS: 300-500 lbs. Medium 1 62.00-71.50; Large 1 65.00-72.00; Small 1 55.00-68.25; 500-700 lbs. Medium 1 55.00-67.50; Large 1 63.00-75.00; Small 1 50.00-62.75. 700-1000 lbs. Medium 1 53.50-61.75; Large 1 55.50-63.50; Small 1 54.75-59.00.

HEIFERS: 300-500 lbs. Medium 1 50.00-61.00; Large 1 51.75-62.75; Small 1 43.00-54.50 500-700 lbs. Medium 1 51.00-61.00; Large 1 52.00-62.25; Small 1 47.50-51.00. 700-900 lbs. Medium 1 47.00; Large 1 45.00-52.25.

Southeast Va.
Auction Summary
June 23-29

STEERS: 300-500 lbs. Medium 1 63.25-64.00; Large 1 65.00-65.50. 500-700 lbs. Medium 1 60.00; Large 1 61.00-62.00. Small 1 56.00-58.50.

HEIFERS: 300-500 lbs. Medium 1 48.50-58.00; Large 1 59.50-61.00; Small 1 50.00-52.00. 500-700 lbs. Medium 1 46.00-50.50; Large 1 50.50-52.50; 700-900 lbs. Medium 1 44.00-48.50.

Northern Va.
Auction Summary
June 23-29

STEERS: 300-500 lbs. Medium 1 65.00-77.00; Large 1 68.00-77.00; Small 1 52.00-65.00. 500-700 lbs. Medium 1 63.00-74.50; Large 1 60.00-69.50; Small 1 54.00-60.00. 700-1000 lbs. Medium 1 52.00-61.50; Large 1 52.75.

HEIFERS: 300-500 lbs. Medium 1 50.00-59.00; Small 1 45.00-55.00. 500-700 lbs. Medium 1 45.00-47.50; Large 1 45.00-53.75; Small 1 47.00-55.00. 700-900 lbs. Medium 1 48.00-57.50; Large 1 52.00-55.50.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 25
Report supplied by auction

FEEDER CATTLE: Steers: M&L-1 300-500 lbs. 68.00-72.50; 500-700 lbs. 60.00-67.00; 700-1000 lbs. 54.00-60.00; Holstein 300-1000 46.50-50.00. S-1&M&L-2 300-500 lbs. 62.00-68.00; 500-700 lbs. 58.00-63.00; 700-1000 lbs. 52.00-58.00. Feeder Bulls: M&L-1 300-500 lbs. 60.00-62.50; 500-700 lbs. 47.00-57.50. S-1&M&L-2 300-500 lbs. 58.00-60.00. Heifers: M&L-1 300-500 lbs. 56.50-58.00; 500-700 lbs. 50.00-53.50; 700-800 lbs. 50.00-54.00. S-1&M&L-2 300-500 lbs. 55.00-57.00. Stock Cows: Beef 500.00-625.00. Baby Calves mostly 30.00-80.00.

SLAUGHTER CATTLE: Steers-Good 2-4 none. Heifers Good- 2-3 none.

SLAUGHTER COWS: Utility & Commercial 2-4 40.00-46.00; Canner & Cutters 1-3 34.00-41.50.

SLAUGHTER BULLS 1 & 2 47.50-53.75.

LAMBS: Trend lower .03. High Choice & Prime 48.50; Choice 44.00; Feeder Lambs Choice 43.00; Slaughter Ewes 14.50-15.25; Head Ewes 37.00.

HOGS: US 1-3 200-240 lbs. 45.00; Sows 1-3 38.50; Boars none to offer.

VEAL: Good 61.00.

SLAUGHTER CALVES: Good & Choice 55.00-59.00.

East Coast Carlot

Wednesday, June 29
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal generally steady in narrow test. Good and Choice boning veal steady to 1.00 lower; inshipped steady to firm. Demand moderate for light supplies of spring lamb; Compared to last week; mixed weight loads 5.00 higher. Compared to last week boneless beef and beef trimmings steady to firm in limited test.

VEAL CARCASS
Prime (Special Fed)
Hide On
75 Head

220-280 lbs., Few 17,500, generally steady

UNITED STATES MARKETS

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: 65-75 lbs. 92.00-93.00; all steady to 1.00 lower; 55-64 lbs. 90.00-91.00; 45-54 lbs. 88.00-89.00; 35-44 lbs. 86.00-87.00; 34 lbs. down 84.00-85.00.

Inshipped: Late Yesterday. 71-80 lbs. 95.00-96.00; all steady to firm; 61-70 lbs. 93.00-94.00; 51-60 lbs. 91.00-92.00; 41-50 lbs. 89.00-90.00; 30-40 lbs. 87.00-88.00.

SPRING LAMB BEEF
Choice and Prime 3-4
3 Loads

Compared to last week all 5.00 higher.

55 lbs. dwn 125.00 all 5.00 higher; 55-65 lbs. 125.00; 65-75 lbs. 125.00.

BONELESS BEEF
1 Load
(US and Canadian Origin)

Compared to last week: Generally steady
85% chem lean, fresh 112.00.

Beef Trimmings
4 Loads

65% chem lean, fresh 75.00-76.00, steady to 1.00 higher.

Oklahoma Cattle

Wednesday, June 29
Report supplied by USDA

Estimated Receipts	7,500
Same Day Last Week	11,930

Feeder steers steady to 1.00 lower than Tuesday. Feeder heifers steady to .50 lower. Demand good for cattle suitable for grazing, fair for cattle going to feedlots. Bulk supply medium and large frame 1 and mixed 1-2 500-850 lb. Feeder steers and 500-750 lb. Heifers. Rain again last night and the usual seasonal downturn in numbers took their toll on total receipts.

FEEDER STEERS: Medium and Large Frame 1: 198 lb. 85.00; 325 lb. 76.00; 350-500 lb. 70.00-74.00, very fleshy 465 lb. 65.50; 500-600 lb. 67.00-70.00; 600-650 lb. 63.40-66.00; 650-700 lb. 60.70-64.20; 700-800 lb. 59.00-63.40, numerous lots 60.00-61.70; 800-925 lb. 59.00-62.20; Small frame 1 550-750 lb. 59.25-60.25.

Medium and Large Frame 1-2: 380 lb. bulls 68.00; 435 lb. thin 72.50; 535 lb. thin and gaunt 67.30; 500-600 lb. 62.00-65.00; 600-700 lb. 60.00-62.00; 700-825 lb. 58.00-60.00; 925-975 lb. 56.00-58.20.

Medium and Large Frame 2: 425 lb. thin 64.50; 500-575 lb. 58.00-61.00; 690 lb. 56.30; 760 lb. 55.40.

Large Frame 2: Holsteins 690 lb. 46.25. Small lots 765-775 lb. 44.50.

FEEDER HEIFERS: Medium and Large Frame 1: 205 lb. 66.00; 305 lb. 61.10; few 350-475 lb. 57.30-60.00; 500-600 lb. 56.20-59.00, very fleshy 530 lb. 55.80; 600-750 lb. 54.70-57.00.

Medium and Large Frame Mixed 1-2: 465 lb. thin 58.90; 550-750 lb. largely 52.00-55.00.

Medium and Large Frame 2: 350-425 lb. 50.00-54.00; 500-750 lb. 51.00-52.00.

Weekly Cattle Summary

Feeder Steers and Heifers firm to 2.00 higher than last week's close. Slaughter Cows steady, downturn in cow prices Monday eliminated in later trading sessions. Late sales utility, few Commercial 2-3 40.00-43.20; Cutter 1-2 38.30-41.50; Canner and Low Cutter 34.25-38.20. Slaughter Bulls .50 higher, YG 1-2 1475-1800 lb. 51.00-56.30; 1150-1500 lb. 48.75-53.00; Few 950-1050 lb. 44.75-45.50. Salable receipts this week estimated at 13,200 head, last week's actual count 19,598, last year 15,617. Total receipts near 89 percent Feeder Steers and Heifers and 11 percent Slaughter Cows and Bulls.

J.B. KELLER & BRO. DAIRY COWS

Mount Joy, Pa. 17552

REGISTERED HOLSTEIN COWS AND HEIFERS

KINGWAY ELEVATION VERY, 1st calf due 8/21/83 to Erinwood R.A. Jonathon. Dam-Apollo Rocket 4-4, 286, 18,945, 812, 4.3.

CARLIN-M IVANHOE BELL, 1st calf due 8/1/83 to Board Chairman. Dam- Elevation. 2nd Dam- Bootmaker.

WAPA ARLINDA CONDUCTOR, 1st calf due 8/1/83 to Board Chairman. Dam- Sensation Neil. 2nd Dam- Elevation.

ACK-LEE CHIEF MONEYMAKER, 1st calf due 8/1/83 to Marshfield Elevation Tony. Dam-Willow.

THUMB-PRIDE PERFECTER, 1st calf due 8/1/83 to Plushanski Blackjack E.T. Dam-Ivanhoe Star.

OAKLEIGH FARM SILVER SON, 4th calf due 9/29/83 to Transformer 3-3, 332, 26,358, 953, 3.6, 4-3, 365, 28,187, 1,071, 3.8.

ARLINDA JET STREAM-TWIN, 1st calf due 9/13/83 to Boot-Nick.

HARRISBURG GAY IDEAL 1st calf due 8/6/83 to Glendell Clif- E.T.

ARLINDA JET STREAM-TWIN 1st calf due 9/11/83 to Plushanski Blackjack E.T.

I-O-STATE CHIEF FORD, 1st calf due 7/31/83 to Sky-Hi Bootmaker. Dam- Matt Tippy. 2nd Dam- Astronaut.

KEHO ERIC, 1st calf due 9/14/83 to Monarch Samuel. Dam- 86 pt. Wis Magician Grayview. 2nd Dam- Astronaut.

ELMSMITH MARCUS MARINER, 1st calf due 7/10/83 to Glen-Valley Star. Dam- Liftoff 3-2, 366, 21,003, 786, 3.7.

RIPPCHEN BOOT-NICK 85 at 2 yr. due 2nd calf 7/7/83 to Wileeda Citation R 2-3, 341, 17,075 679, 4.0.

OAKLEIGH FARM SILVER SON, 4th calf due 9/1/83 to Wiseman. Dam- Apollo Ivanhoe.

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FRIDAY, JULY 8
ON THE FARM MONTHLY
BRED GILT SALE

Sale to Start Promptly at 7:30
Every 4 Weeks

4 Evening Sales
June, July, Aug., Sept.
7:30

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Ramblections

Staging ag-stravaganza

BY DICK ANGLESTEIN

Now, that I look back, one of my ag jaunts that I remember most was a trip to the Tennessee Delta to film a soybean harvest. At the time though, it wasn't so memorable.

The final destination of our film crew was Tiptonville, Tn., close to the Mississippi River, where a farmer grew more than 12,000 acres of certified soybean seed. The farmer bought 10 new combines at one shot and we wanted to make the most of the publicity opportunity. Purchases like that don't come along every day.

The filming actually began in southwestern Kentucky because that was the location of the equipment dealer who sold the combines. Each, after setup and servicing, had to be trucked to the farmer, some 70 miles away.

In order to get under bridges and power lines along the way, the big tires of the combines had to be taken off and the air removed from the smaller rear tires. Even then, the combine on the flat bed just squeezed under some obstacles.

All along the way, the truckers were plagued by the highway patrol, who delighted in giving oversize load tickets. Needless to say, the troopers had some comments and orders for us when we filmed some of the confrontations.

It isn't easy to film 10 combines all at once and the only way is to do it aerially. So, we made arrangements for a helicopter pilot to fly up from Memphis and meet us.

But no one bothered to tell us that our pilot was the original "Murdock," the crazy chopper pilot on the A-Team. Our pilot acted and flew just about the way Murdock is portrayed on TV. Now, that might be fine for television drama and pulling wounded men out of the jungles of Viet Nam, but needless to say it presented some problems when you're squinting through a movie or still camera, balancing yourself at the open side door of the helicopter.

Some of the farmer's fields were 400 to 500-acres in size so the location of all 10 machines in one place was no problem. But to keep the combines in a staggered uniform lineup moving through the field together was a problem. Anyone who has operated a combine knows there are enough things to worry about other than trying to keep uniform speed and position with nine other machines so that the picture looks like a choreographed mechanical ballet.

The trick is to put the best drivers in the first and last machines and hope that they can keep the others between them in an orderly fashion.

Needless to say, the farmer didn't want too many passes in convoy through the soybeans. Harvesting just isn't done like that. He had visions of a 10-combine pileup in the center of those 500 acres that would rival any accident ever seen on a Southern California freeway.

But finally, we got our aerial footage that showed these 10 red and yellow monsters eating their way through the soybeans in an agricultural chorus line that would have rivaled the Rockettes of Radio City.

The filming was done in the morning when the beans were dry enough to harvest yet damp enough to cut down on the dust. Ten combines in one place can give off a dust screen that resembles a prairie fire.

Next was another special scene for the camera. One of the farmer's best isolated fields was on an island in the middle of the Mississippi. Needless to say, you just don't drive to this field. Everything, from the machines to trucks, fuel and people had to be barged out to the island.

Now, it required a three-way coordination -- between our land-based convoy that crawled single-file along narrow levees to the banks of the Mississippi, our one-barge navy and our one-chopper air force.

It took an entire day to get a few minutes on film and we were glad for that.

It was quite a task getting all that equipment to the island. And each machine and driver had to take a running start from the barge in order to get up the steep island bank to the field. I remember one hapless tractor driver who happened to stall his machine half-way up that hill. I had visions of both him and his tractor being tipped into the Mississippi to make way for those behind him.

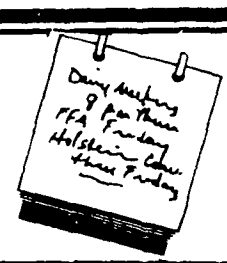
And mixed with these minor obstacles were others created by the unique requirements of harvesting seed beans. Each combine had to be set and reset exactly. Rotor clearances were critical.

And after finishing each field, there was the seed inspector who personally witnessed the cleaning of each combine. Every single bean had to be blown out of the combine's innards, the auger and the bin. That inspector didn't want the mixing of one single bean with another variety.

But all the trouble was worth it. It provided some pretty unique ag photography.

But if you ask if I'm intertested in staging another such ag-stravaganza, I'll pass. One of them per lifetime is enough.

Farm Calendar



Tuesday, July 5

Penn State Center for Cereal Research Crops Day, 10 a.m. - 4 p.m., Rock Springs Agronomy Farm.

Wednesday, July 6

Lancaster Conservation district meeting, 7:30 p.m., Farm and Home Center.

Hunterdon County, N. J. Board of Agriculture, 8 a.m., Extension Center.

Thursday, July 7

Breeding Trotters and Pacers meeting, 8 p.m., Extension Center, Route 31, Flemington, N.J.

Friday, July 8

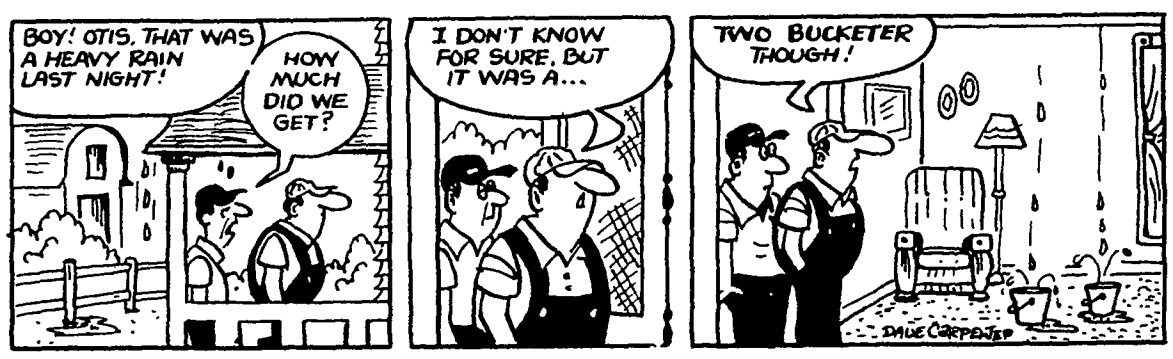
Pa. Young Farmer Association summer conference, Mifflinburg. Continues tomorrow.

Pa. Angus Breeders 100th birthday celebration, Centre County Grange Fairgrounds, Centre Hall. Continues tomorrow.

Saturday, July 9

Jersey District III picnic at Charles Wollaston's. Bring place settings and two covered dishes.

OTIS


BOY! OTIS, THAT WAS A HEAVY RAIN LAST NIGHT!
HOW MUCH DID WE GET?
I DON'T KNOW FOR SURE, BUT IT WAS A...
TWO BUCKETER THOUGH!
DAVE CARPENTER

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

GOD ON A STRING

July 3, 1983

Background Scripture: Judges 11:1 through 12:7.
Devotional Reading: Matthew 26: 30-35.

I had forgotten the story of Jephtha.

Now I know why, having just reread it once again. It is a horrifying story and it seems that there is no redeeming value in it for us — unless we let it speak to us as a very negative example.

As the story begins, we can feel some sympathy for Jephtha. Born out of wedlock to a prostitute, he is rejected by his step-brothers and driven from his home. In exile he takes up a life of banditry, gathering around him a gang of outlaws. We can also share the satisfaction he must have felt when, terrified of the Ammonites, the elders of Gilead came to him "with hat in hand," asking him to lead them to victory over their enemies. We can feel some of his own satisfaction with him when he says, "Did you not hate me and drive me out of my father's house? Why have you come to me now when you are in trouble?"

I WILL BE YOUR HEAD

When things were going well they had treated him shamefully. But now they were in trouble and they knew he was the only one who could lead them to victory over the Ammonites. When you are in trouble, your view is likely to change. Theirs did and now they were offering this illegitimate bandit the permanent leadership of Gilead in exchange for his generalship.

But Jephtha soon loses our sympathy because of his incredible attempt to manipulate God into giving him and the Gileadites the victory. Realizing that they could only win with the Lord's help, he attempted to buy God's help: "If thou wilt give the Ammonites into my hand, then whoever comes forth from the doors of my house to meet me...shall be the Lord's and I will offer him up for a burnt offering." Horrible as this offer is, Jephtha's behavior after his victory of the Ammonites is even more shocking. When it is his only daughter who comes out to greet him, Jephtha sadly determines that he will have to keep his vow to offer her as a sacrifice to God.

I cannot sympathize with him any longer. Who did Jephtha think would come out of that doorway? His wife? His neighbor? Jephtha's plan went wrong, not because his daughter came out that door, but because it was an immoral offer from the very beginning. Furthermore, it is an affront to God to assume that we can buy his favor with such a promise. It is an even greater blasphemy to go through with this vow once the cost was discovered. It is not the demand of God that is foremost in Jephtha's mind, but his own honor.

ACCORDING TO HIS VOW

God had not asked of Jephtha this inhuman vow, nor is there any indication in the scripture that God demanded that the vow be kept. The tragedy rests solely upon the shoulders of Jephtha. He had made the mistake of thinking he could bribe God to do Jephtha's will and he paid a terrible price for that attempt.

And so do we all when we attempt to put God on a string and manipulate him into doing our will.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To "Take Care" When Harvesting Barley and Wheat

Barley and wheat are valuable crops to the economy of Lancaster County. Last year we planted nearly 30,000 acres of wheat and 8,600 acres of barley which had a value of over 5 million dollars. With this in mind, we need to follow good harvesting practices when combining these important crops. Make sure the combine is in top mechanical condition, and most importantly, be sure it is properly adjusted. Another thing, you can have all these things just right, but if you travel too fast through the field, you'll throw more grain out with the straw than all your proper adjustments can save.

So, when we harvest these important crops, let's take time to do a good job.

To Follow Pesticide Recommendations

Weather conditions have been ideal for pests in the field, in the garden and on our flowers — so pesticides for the control of pests ... such as weeds, insects, fungi and rodents. Keep in mind, if these materials are not used properly, they may contaminate soil, air and water.

If pesticides are applied to areas where there is considerable run-off or soil erosion during a heavy rain, residues may move with the drainage and accumulate in streams, ponds or lakes.

The most common mistake in pesticide application is to exceed the recommended dosage. Using more chemical than prescribed will not control more pests and usually it will not be effective for any longer period of time. We find that most farmers tend to follow recommendations very closely, but many home gardeners tend to increase the dosage.

The best policy is to study the directions and precautions printed on the label and follow them to the letter.

To Consider Lightning Rods on Shade Trees

How many times have you driven past a pasture field and noticed dozens of cattle or other livestock grouped together under one or two large trees? During severe thunderstorms, livestock will gather under these trees. If lightning strikes the tree, many of the animals will be killed. For the protection of valuable livestock, we suggest that some of these individual trees by fitted with a lightning rod system. If there is a woodlot in the pasture, or a number of trees, it may not be practical.

To Check Insurance Coverage

For the past several decades the value of buildings and personal property have been on the increase. In order to cope with this situation, we have frequently suggested that property owners

(Turn to Page A12)

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Diamond Shamrock Corporation
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Cleveland Ohio 44114

Livestock market and auction news

Morrison Cove Auction

Martinsburg, Pa.
June 27, 1983
Report Supplied By Auction

CATTLE 178. High Choice & Prime slaughter steers 62.50-65.50, Choice 60.50-63.75, Good 58.50-61.25, Standard 48.50-56.50, Utility 44.50-50.75. Choice slaughter heifers 61.50-62.75, Good 58.50-61.25, Standard 52.50-58.25, Utility 45.50-51.00. Utility & Commercial slaughter cows 45.50-48.25, Commercial 42.50-44.75, Cutters 41.50-44.25, Canner & Low Cutter 37.50-42.25, Shells down to 34.50. Choice slaughter bullocks 57.50-60.25, Good 54.50-56.50, Standard 48.50-52.25, Utility 42.50-47.25. Yield Grade #1 slaughter bulls 57.25-59.50; yield grade #2 48.50-55.25. Choice feeder steers 57.50-71.50, Good 52.50-56.50, Medium 44.50-52.50; Good feeder heifers 52.50-61.50, Medium 45.00-51.50; Good feeder bulls 52.50-58.50, Medium 45.50-53.50.

CALVES 340. Prime vealers 72.50-89.50, Choice 65.50-71.50, Good 55.00-62.50, Standard & Good 110-130 lbs. 58.50-64.50, 90-110 lbs. 52.50-58.50, 70-90 lbs. 45.00-52.50, Utility at 40.00. Farm calves, holstein bulls 90-130 lbs. 82.50-105.50; holstein heifers 90-130 lbs. 72.50-110.50.

HOGS 212. US No. 1-2 200-240 lbs. barrows & gilts 48.50-49.25, No. 1-3 200-250 lbs. 47.50-48.25, No. 2-3 200-250 lbs. 46.00-47.25, 250-300 lbs. 45.25-46.00. US No. 1-3 300-450 lbs. sows 35.25-44.00, No. 2-3 350-650 lbs. 31.00-32.50. Boars 28.50-32.25, light weights 32.50-35.50.

FEEDER PIGS 89. US No. 1-3 20-40 lbs. feeder pigs 17.00-27.00 per head, No. 1-3 40-50 lbs. 27.00-38.50 per head.

SHEEP 19. Choice 70-90 lbs. spring slaughter lambs 52.50-54.50, Good 80-100 lbs. 45.00-51.00, Utility 80-100 lbs. 32.50-45.00. Slaughter ewes 8.00-22.00.

GOATS: 8.00-27.50 per head.

PENNSYLVANIA MARKETS

Eighty-Four Auction

Eighty-Four, Pa.
June 27, 1983
Report Supplied By PDA

CATTLE 286. Compared with last Monday's market, slaughter steers 50 cents to $1 lower. Slaughter cows $1.50 to $2 lower. Few Good slaughter steers 58.00-62.00, Standard 53.00-58.50, Utility 48.00-53.50. Few Good slaughter heifers 57.00-60.00, Standard 51.00-57.00, Utility 46.00-51.50. Utility & Commercial slaughter cows 43.50-47.75, few to 50.00, Cutters 40.00-44.00, Canner & Low Cutter 33.50-40.00, Shells down to 23.00. Yield Grade #1 1000-1700 lbs. slaughter bulls 49.00-55.00; few yield grade #2 900-1300 lbs. 45.00-50.00. Medium Frame #1 450-700 lbs. feeder steers 57.00-64.00; Medium Frame #1 350-600 lbs. feeder heifers 53.00-58.00.

CALVES 218. Vealers $5 to $10 lower. Choice vealers 65.00-75.00, Good 60.00-66.00, few Standard 53.00-61.00, Standard & Good 90-120 lbs. 57.00-63.00, 60-85 lbs. 50.00-58.00. Farm calves, holstein bulls 90-125 lbs. 70.00-85.00.

HOGS 42. Barrows & gilts 50 cents to mostly $1 lower. US No. 1-2 200-240 lbs. barrows & gilts 46.00-46.95, No. 1-3 210-250 lbs. 45.00-46.20. US No. 1-3 350-550 lbs. sows 33.00-35.00.

FEEDER PIGS 6. Few US No. 1-3 57 lbs. feeder pigs 45.00 per head.

SHEEP 327. Spring slaughter lambs $3 to $5 lower. Choice 65-95 lbs. spring slaughter lambs 48.00-54.25, few small lots 55.00-58.00, Good 60-90 lbs. 45.00-50.00, Good & Choice 40-50 lbs. feeders 38.00-45.00. Slaughter sheep 15.00-20.00.

GOATS 17. 17.00-36.00 per head.

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, June 28
Report supplied by PDA

CATTLE 193. Compared with last Tuesday's market, slaughter cows $1 to $1.25 lower, spots $2.50 lower. Choice No. 2-4 1050-1280 lbs. slaughter steers 63.00-64.10, Good 59.75-63.00, Good & Choice holsteins 56.25-61.25, Standard 49.75-57.85. One Good slaughter heifer at 57.25, few Standard 49.75-51.10. Utility & Commercial slaughter cows 44.75-47.00, few to 49.85, cutters 42.50-44.75, few to 45.50, Canner & Low Cutter 39.75-42.75, Shells down to 32.50., Two Good slaughter bullocks 52.00 and 53.60, few Standard 50.00-53.25. Yield grade #1 1250-1565 lbs. slaughter bulls 50.50-53.75.

CALVES 208. Few Choice vealers 67.00-73.00, few Good 65.00-72.00, Standard & Good 90-130 lbs. 57.00-64.00, 60-90 lbs. 48.00-59.00, few Utility 60-90 lbs. 26.00-45.00. Farm calves, holstein bulls 85-125 lbs. 68.00-78.00; holstein heifers 85-115 lbs. 65.00-96.00, mostly 65.00-80.00; few beef cross bulls & heifers 90-115 lbs. 78.00-91.00.

HOGS 121. Barrows & gilts unevenly steady. US No. 1-2 215-240 lbs. barrows & gilts 44.85-45.50, lot 46.60, few No. 1-3 210-240 lbs. 44.75-45.60, few No. 2-3-225-290 lbs. 42.00-44.60, few No. 1-3 195-200 lbs. 42.25-42.35. US No. 1-3 260-455 lbs. sows 31.00-33.25, one at 33.75. No. 2-3 305-565 lbs. 30.00-32.00. Two Boars 30.00. Light weights, one at 33.75.

FEEDER PIGS 8. Lot US No. 1-3 40 lbs. feeder pigs 62.00 cwt., Lot. No. 1-3 60 lbs. at 41.00 cwt.

SHEEP 12. Good & Choice 45-80 lbs. spring slaughter lambs 43.00-53.00. Few Slaughter sheep 8.00-16.00.

Penns Valley Livestock

Centre Hall, Pa.
Friday, June 24
Report supplied by auction

Beef Cows: Utility and Commercial 44.25-47.35; Cutters 40.60-44.10; Canners 37.00-40.25.

Heifers: Standard 51.00-54.00; Commercial 45.50-47.50.

Steers: Good 56.25-61.25; Standard 46.75-51.75.

Bulls: Good 52.25-59.75; Standard 47.00-51.35.

Veal Calves: Choice 77.00-84.00; Good 63.50-76.50; Standard 55.00-62.00; Utility 45.00-53.50.

Farm Calves: Bulls 63.00-76.00; Heifers 68.00-83.00.

Hogs: 42.00-47.00.

Sows: 33.00-33.75.

Boars: 30.25-33.50.

Shoats: 25-30 lbs. per head 16.00-23.50; 30-35 lbs. per head 24.00-30.00; 35-50 lbs. per head 31.00-37.00.

Lambs: 52.00-60.00.

Now is the Time

(Continued from Page A10)

adjust their insurance coverage so that replacement cost will be covered, rather than original cost. The same situation holds true with personal property as well as buildings. We are aware that some losses in the past have not been sufficiently covered with insurance and the farmer was the loser.

Unless the insurance program has been adjusted in the past few years, we suggest that your insurance agent be contacted for guidance.

DAIRY MARKETS

New Holland Dairy

New Holland Sales Stables
Wednesday, June 29
Report supplied by auction

Reported receipts of 113 cows, 123 heifers. Heifer Market steady. Cow Market stronger.

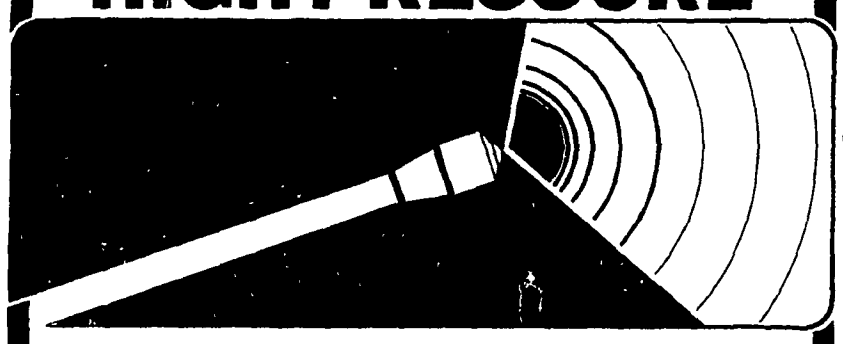
2 Loads of Conn. purebred & grade cows, fresh 1200.00-1750.00; springers 875.00-1575.00. Load of Pa. fresh cows, 985.00-1285.00. Load of Canada fresh cows, 835.00-1285.00; springers 875.00-1185.00. Load of Franklin Co. fresh cows, 850.00-1285.00. Load of Pa. fresh cows, 935.00-1125.00. Load of Pa. fresh cows, 925.00-1285.00.

Local consigned cows 490.00-1050.00

Local Springing heifers 750.00-1075.00

Local Open heifers 275.00-450.00

HIGH PRESSURE



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Livestock market and auction news

Omaha Cattle

Thursday, June 30
Report Supplied By USDA

Compared to last week's close, slaughter steers and heifers ranged steady to 50 lower through Wednesday of this week. Two-way type steers 1.00-1.50 lower. Cows steady to 50 lower. Bulls steady.

Lower dressed beef prices and a sharp curtailment in demand for two-way steers kept pressure on the fed cattle market through the week. A solid demand existed for mostly choice steers and heifers scaling over 1125 lbs. and 975 lbs. respectively; while lighter weight cattle came under a narrow demand and were discounted accordingly. Overall finish again very ordinary.

Steers comprised 52 pct of the week's receipts; Heifers 36 pct; cows 7 pct; feeders 4 pct. Four day receipts 11835; Last week 11896; Year ago 10733.

STEERS: Several part loads choice 2-3 1000-1250 lbs. 64.75-64.00. Choice 2-4 1100-1250 lbs. 63.75-64.50; some 1025-1100 lbs. 63.00-63.75. Mixed Good and Choice 2-3 1000-1150 lbs. 62.50-64.00. Few Good 60.50-62.50.

HEIFERS: Load reputation fed choice 2-3 near 1025 lbs. 63.00. Choice 2-4 950-1050 lbs. 62.00-62.50; some 875-925 lbs. 60.25-61.50. Mixed Good and Choice 2-3 900-1025 lbs. 60.00-61.50. Good 57.00-60.00.

Average of LS-214 detailed quotations for 900-1100 lbs. choice steers 63.82; 1100-1300 lbs. 64.58. Average cost steers 63.24, average weight 1129 lbs.; as compared 64.46 and 1135 lbs. a week ago. Average cost heifers 61.31, average weight 990 lbs.; as compared 61.39 and 1006 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 40.00-42.00, few high dressing to 43.00. Canner and Cutter 38.00-40.00, few to 36.00.

BULLS: 1-2 1100-1800 lbs. 48.00-53.00.

St. Louis Cattle

Thursday, June 30
Report supplied by USDA

Receipts This Week	4200
Week Ago	3900
Year Ago	4400

Compared to the previous week,

Slaughter Steers and Heifers .50-1.00 lower except late week sales of Good and Choice Slaughter Steers under 1000 lbs. and Heifers under 850 lbs. fully 1.00-2.00 lower. Cows and Bulls steady. Slaughter supply mainly Choice and Mixed Choice and Prime Slaughter Steers, around 35% Heifers and 5% Cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1300 lbs. 62.50-63.50, closing 62.50-63.00. Several loads bought to fill futures delivery contracts 63.50-65.00 on Monday. Choice 2-4 1000-1300 lbs. 61.00-63.50, closing 61.00-62.50; 900-1000 lbs. 60.00-62.50. Mixed Good and Choice 2-4 900-1225 lbs. 59.00-62.50; few late sales 57.00-59.00. Good 2-3 900-1175 lbs. 58.00-61.00, few late sales 55.50-57.00. Mostly Good 2-3 1050-1350 lbs. Holsteins 52.00-56.50. Standard to Good 2-3 1025-1250 lbs. 50.00-52.00. Few Standard 1250-1300 lbs. 48.00-50.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1125 lbs. 61:00-62.00, closing 61.00-61.50. Choice 2-4 850-1050 lbs. 59.00-61.50, closing 59.00-61.00; 800-850 lbs. 57.00-60.00. Mixed Good and Choice 2-3 850-1000 lbs. 56.00-60.00; 750-850 lbs. 55.00-58.50. Good 2-3 850-1000 lbs. 54.00-57.00; 750-850 lbs. 51.00-54.00.

COWS: (Closing week sales) Utility and Commercial 2-4 40.00-43.00. Boning Utility 1-2 43.00-44.00. High-yielding Utility 1-2 44.00-45.00. Cutter 1-2 39.00-42.00. Canner and low Cutter 1-2 34.00-39.00.

BULLS: YG 1-2 1100-1900 lbs. 48.00-54.00.

Wednesday's Weekly sheep auction. Receipts about 275 head. Compared last Wednesday, Spring Slaughter Lambs 2.00-3.00 lower. Light supply Feeder Lambs 4.00-5.00 lower. Supply mainly spring Slaughter Lambs.

SPRING SLAUGHTER LAMBS: Choice and Prime 98-124 lbs. 40.50-46.50. Small Lot Prime 114 lb.s 48.50. Few lots Choice 77-97 lbs. 37.00-40.50.

SLAUGHTER EWES: Small lots and few individual head Utility and Good 10.50-16.00, few cull 6.00.

FEEDER LAMBS: Small lots Choice and Fancy 50-90 lbs. 35.00-41.00, mostly 36.50-39.00.

BREEDING EWES: Few small lots good solid-mouths 13.00-16.50.

Westminster Livestock Auction

Westminster, Md.
Tuesday, June 28
Report supplied by auction

BUTCHER COWS: 1.00 lower. High Yield 46.00-47.00; Standard & Utility 42.00-45.00. Canners- 39.00-42.00. Shelly- 39.00 down. Slaughter Bulls- High Yield to 56.25; Good 51.00-53.25. Fed Steers- Few low Choice Herefords 54.00-56.50; Holsteins Standard 45.00-48.25. Fed Heifers- Good 55.00; Commercial 47.00-51.00

BUCHER HOGS: Steady prices, Sows $2. lower. US #1&2 215-240 lb. 1 lot to 44.75. US 1&3 225-260 lb. 44.00-44.50. US 2&3 205-230 lb. 41.00-43.00. Sows- 300-660 lb. 29.00-31.75. Boars- 425-525 lb. 29.75.

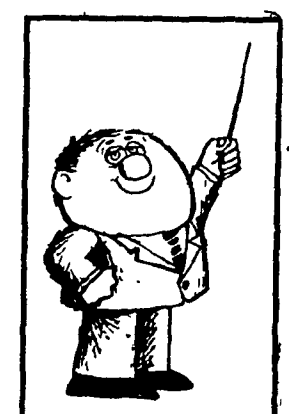
VEAL CALVES: $5. lower on larger run. Choiced 150-180 lb. 72.00-75.00; Standard & Good 56.00-70.00. Killers 80-100 lb. 47.00-54.00; Weak & Rough 46.00 down.

CALVES RETURNED TO FARM: $20 to 30 lower. Holstein Heifers- few to 62.00. Holstein Bulls- 95-120 lb. 56.00-65.00.

LAMBS: Choice 1 lot 92 lb. 49.50; 80-85 lb. 41.00-46.50.

STOCK CATTLE: Light run. Steers- Med & Good 54.00-66.00; Holsteins 54.00-55.00. Heifers- Choice to 57.90; Medium 42.00-49.00. Bulls- 835-950 lb. 44.00-51.50.

PIGS AND SHOATS: Large run, $5 lower. By the head 15-30 lb. 10.00-15.00; 30-60 lb. 15.00-34.00. By the lb. Stock boars 225 lb. to 32.00.



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HORSE MARKETS

New Holland Horse

New Holland Sales Stables
Monday, June 27
Report supplied by auction

Reported receipts of 260 head of horses, mules, and ponies. Market: steady.

Local Better horses 450.00-1075.00. Driving horses 350.00-1500.00. Riding horses 350.00-425.00. Lightweight killers 275.00-375.00; Heavyweight killers 400.00-450.00. Mare Ponies 30.00-70.00; Colts 15.00-25.00; Geldings 30.00-70.00; Larger ponies 100.00-150.00.

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★ SUFFOLKS

Friday & Saturday
JULY 8 & 9

STATE FARM SHOW BUILDING
HARRISBURG
PENNSYLVANIA
SALE TIME: 9:30 AM

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Closed Saturdays July and August

Livestock market and auction news

Leesport Auction

Wednesday, June 29
Report supplied by PDA

CATTLE 349: Supply included 73 feeder cattle. Compared with last Wednesday's market, slaughter steers weak to 2.00 lower. High Choice & Prime 1100-1400 lbs. slaughter steers 62.75-64.85, Choice 1080-1200 lbs. 61.00-63.50; Good & CHoice 1250-1450 lbs. holsteins 55.60-59.60, Good 58.50-61.50, few Standard 50.75-57.00. Choice 925-1430 lbs. slaughter heifers 59.35-62.10, few Good 52.00-55.35. Utility & Commercial slaughter cows 43.00-46.10, few 46.75, Cutters 42.00-43.75, few 45.60, few Canner & Low Cutters 38.75-41.50, Shells down to 34.00. Good slaughter bullocks 54.00-57.75, few 63.85, Standard 52.00-54.50. Yield Grade #1 1300-1750 lbs. slaughter bulls 53.75-55.85, #2 900-1250 lbs. 49.25-52.85. Medium Frame #1 340-565 lbs. feeder steers 63.00-70.00, few 815-865 lbs. 56.25-57.25, lot Large #1 638 lbs. at 66.00, few Large #2 725-875 lbs. 48.00-52.25, few Medium #2 400-570 lbs. 50.50-53.75; few Large & Medium Frame #1 450-950 lbs. feeder bulls 51.00-57.50, Large #2 300-750 lbs. 42.50-48.00.

CALVES 175: Few Good & Choice vealer s62.00-71.50, Standard & Good 90-115 lbs. 52.00-55.00, 65-85 lbs. 46.00-52.50, few Utility 90-110 lbs. 45.00-51.50, few 55-85 lbs. 35.00-43.00. Farm Calves: Holstein Bulls 90-125 lbs. 55.00-80.00, mostly 60.00-76.00; few Beef cross bulls and heifers 90-110 lbs. 70.00-98.00.

HOGS 279: Barrows and gilts 1.00-1.50 lower. Few US No. 1-2 210-245 lbs. barrows & gilts 45.00-46.50, No. 1-3 195-245 lbs. 44.00-45.00, few No. 2-3 255-295 lbs. 35.00-43.00, few No. 1-3 160-190 lbs. 41.00-42.00. US No. 1-3 300-550 lbs. sows 32.00-35.00, few 36.50, Medium 260-470 lbs. 28.50-31.75. Boars 30.00-31.75, few light weights 33.50.

FEEDER PIGS 285. US No. 1-3 30-35 lbs. feeder pigs 80.00-91.00, lot 106.00, No. 1-3 40-50 lbs. 70.00-84.00, lot 95.00, No. 1-3 150 lbs. 39.50. ALL SALES PER HUNDRED WEIGHT BASIS.

SHEEP 45: Couple Choice 45 lbs. spring slaughter lambs 60.00 & 66.00, few 75-115 lbs. 39.00-42.00, Good & Choice 50-80 lbs. 40.00-44.00, few 48.00. Slaughter ewes 8.00-11.00. Goats 44: Few Large adult 28.00-45.00 per head, Small adult 15.00-22.00, Large Kids 17.00-26.00, Small Kids 7.00-14.00 per head.

Keisters Middleburg Auction

Middleburg, Pa.
Tuesday, June 28
Report supplied by the auction

CATTLE 336: Choice slaughter steers 64.00-66.10, Good 58.00-65.00, Standard 55.00-58.00, Utility 48.00-55.00. Choice slaughter heifers 61.00-63.85, Good 55.00-60.85, Standard 50.00-55.00, Utility 45.00-50.00. Utility & Commercial slaughter cows 44.50-49.60, Cutters 42.00-48.50, Canner & Low Cutter 38.00-42.00, Shells down to 30.00. Good slaughter bullocks 53.00-56.75. Yield Grade #1 1200-2020 lbs. slaughter bulls 57.60-61.50; yield grade #2 800-1200 lbs. 44.00-48.50. Medium Frame #1 350-800 lbs. feeder steers 45.00-62.75; Medium Frame #1 350-800 lbs. feeder heifers 40.00-58.00; Medium Frame #1 350-700 lbs. feeder bulls 40.00-50.00.

CALVES 188: Choice vealers 65.00-82.00, Good 60.00-65.00, Standard & Good 90-110 lbs. 50.00-60.00, Utility 70-90 lbs. 40.00-50.00. Farm calves, holstein bulls 90-125 lbs. 70.00-83.00.

HOGS 640: US No. 1-2 210-235 lbs. barrows & gilts 47.50-48.25, few to 49.75, No. 1-3 200-250 lbs. 46.75-47.50, No. 2-3 190-270 lbs. 43.00-46.75. US No. 1-3 300-620 lbs. sows 33.00-36.75, No. 2-3 270-500 lbs. 30.00-33.00. Boars 29.00-32.00.

FEEDER PIGS 381: US No. 1-3 10-25 lbs. feeder pigs 15.00-20.00 per head, No. 1-3 25-50 lbs. 20.00-32.00 per head.

SHEEP 51: Good 50-70 lb. spring slaughter lambs 40.00-44.00. Slaughter ewes 10.00-24.00.

Dewart Auction

Dewart, Pa.
Monday, June 27
Report supplied by PDA

CATTLE 214. Compared with last Monday's market, slaughter steers grading Good & Choice mostly $2 lower. Slaughter cows $1 to $2 lower. Low to Average Choice 1040-1200 lbs. No. 2-4 slaughter steers 60.75-63.25, couple to 64.00, Good 55.25-58.00, few Good holsteins 56.50-58.50, Standard 48.00-54.00. Few Good slaughter heifers 52.00-55.00. Utility & Commercial slaughter cows 44.75-47.25, couple 48.75, Cutters 43.00-45.00, Canner & Low Cutter 38.00-43.25, Shells down to 32.00. One Choice slaughter bullock at 57.75. Few Yield Grade #1 1080-1470 lbs. slaughter bulls 48.25-54.75, one at 58.00. Few Large Frame #1 350-400 lbs. feeder steers at 67.00, few No. 2 570-785 lbs. 48.50-54.00.

CALVES 217. Vealers mostly $10 lower. Few Choice vealers 70.00-80.00, Good 58.00-70.00, Standard & Good 70-110 lbs. 50.00-61.00, Utility 50-85 lbs. 35.00-50.00. Farm calves, holstein bulls 90-125 lbs. 60.00-76.00, few to 81.00.

HOGS 233. Barrows & gilts steady to .25 lower. US No. 1-2 215-235 lbs. barrows & gilts 46.50-47.50, Lot No. 1 at 48.50, No. 1-3 205-230 lbs. 44.75-46.50. US No. 1-3 300-580 lbs. sows 31.00-36.00. Few Boars 30.75-33.00.

FEEDER PIGS 171. US No. 1-3 20-25 lbs. feeder pigs 14.50-19.00 per head, No. 1-3 40-50 lbs. 23.00-30.00 per head.

SHEEP 23. Choice 60-100 lbs. spring slaughter lambs 46.00-53.50. Slaughter ewes 10.00-22.00.

Four States Livestock

Hagerstown, Md.
Wednesday, June 22
Report supplied by auction

SLAUGHTER: Fed Steers- 1.00 lower. Low Choice 57.50-58.00; Good 55.00-57.00; Medium 54.00 down. Heifers- Choice to 54.00-55.50; Good 48.00-53.00; Medium 47.00 down. Cows- 1.50 lower. High Yield 48.00-51.00; Average 43.00-47.00; Big Middle 39.00-42.00; Fatty Herf. 38.00-41.00; Shelly 40.00 down. Fat Bulls- 1.00 lower. Good 52.00-54.00; Medium 49.00-51.00. Veal Calves- 3.00 lower demand weaker on Farm Calves 6.00 lower. Good 70.00-78.00; Medium 60.00-69.00; Farm Hfrs. to 79.00; Farm Bulls to 80.00; Light & Weak 55.00 down.

STOCKER: Steers 300-550 lbs.- 2.00 lower. Good 62.00-68.50; Medium 55.00-61.00; Culls 54.00 down. Steers 600-850 lbs.- Choice 62.00-64.00; Good 55.00-61.00; Medium 54.00 down. Heifers (all weights)- Choice 55.00-59.50; Good 48.00-54.00; Medium 47.00 down. Bulls- Choice 61.00-63.00; Good 55.00-60.00; Medium 54.00 down. Dairy Cows to 500.00. Springing Heifers to 830.00. Pigs Hd.- Large run, 1.00 lower. 20-30 lbs. 16.00-24.00; 35-60 lbs. 25.00-42.00. Shoats by lb. to 42.00. Slaughter Hogs- 1.50 higher. 200-230 lbs. 46.50-47.00; 240-260 lbs. 46.00-46.75; 265-275 lbs. 43.50-44.00. Sows- 300-600 lbs. 33.00-35.25.

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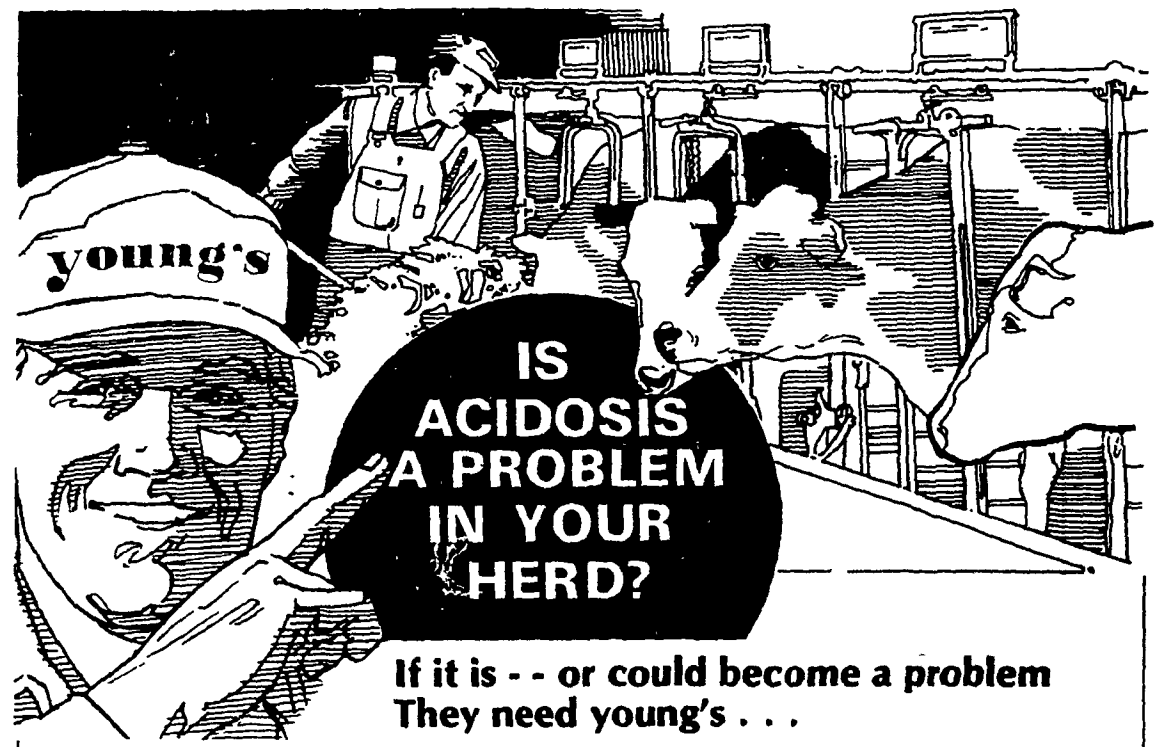

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Livestock market and auction news

St. Louis Cattle

Thursday, June 30
Report supplied by USDA

FEEDERS: (Including around 700 at the regular Thursday auction.) Feeder Steers and Heifers steady in lightly tested trade. Most grades of the supply consisted of small lots and individual head Medium and Small Frame 1-2 450-950 lb. Steers and 300-600 lb. Heifers.

FEEDER STEERS: Medium Frame 1: Few small lots 325-550 lbs. 63.50-68.00; couple small lots 625-700 lbs. 60.50-62.00; scattered lots fleshy 725-950 lbs. 56.00-59.25.

Medium Frame 1-2 and some Small Frame 1: 375-475 lbs. 62.50-65.00; few 525-600 lbs. 58.00-60.00; scattered lots and individual head 625-800 lbs. 53.25-57.75.

FEEDER HEIFERS: Medium Frame 1: Scattered small lots and individual head 325-425 lbs. 58.25-61.00; few 550-650 lbs. 55.00-59.75.

Medium Frame 1-2 and some Small Frame 1: 400-550 lbs. 50.50-55.50.

Lancaster Co. Weekly

(Continued from Page A2)

weak, instances 3.00 lower. Demand good for holstein bulls tor eturn to farm.

VEALERS: Choice 150-300 lb. 70.00-85.00, few 85.00-94.00; high Good and low Choice 160-280 lb. 65.00-78.00, 120-165 lb. 55.00-74.00, 80-120 lb. 48.00-58.00 few 58.00-61.00, 65-80 lb. 40.00-48.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 70.00-84.00, few 84.00-88.00; 80-95 lb. 60.00-75.00. Bulk 90-115 lb. Holstein heifers 59.00-75.00, few 80.00-93.00.

Chambersburg Auction

Chambersburg, Pa.
Thursday, June 30

CATTLE: 296. Slaughter cows 1.50 lower. Sl. steers: couple Choice No. 63.00-63.85; (few) Good 55.00-61.75; (few) Standard 49.10-55.25. Sl. heifers: (few) Choice 59.00-60.10; (few) Good 55.00-57.25. Sl. cows: (few) Utility & Commercial 42.75-46.75; Cutters 40.50-43.50; (few) Canner & L. Cutter 38.25-41.00; Shells down to 34.50. Sl. bulls: (few) Yield Grade No. 1, 990-1850 lbs. 49.75-57.00.

CALVES: 437. About steady. (few) Choice 69.00-84.00; (few) Good 55.00-65.00; (few) Standard & Good 75-105 lbs. 46.00-55.00; (few) Utility 55-85 lbs. 25.00-45.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 60.00-82.00; Hol. Heifers 85-160 lbs. 55.00-96.00.

HOGS: 63. About steady. U.S. No. 1-3 195-245 lbs. 45.75-47.35; Sows 350-600 lbs. 29.50-31.25. Boars few 24.00-28.25.

FEEDER PIGS 23. (few) US No. 1-3 30-35 lbs. 24.00-25.00.

SHEEP: 40. (few) Good and low Choice 45-85 lbs., 35.50-45.00. Sl. ewes: 1 lot, 13.50.

GOATS: 18. Few large 20.00-48.00 per head. Kids 10.00-16.00.

G&M Livestock

Monday, June 27
Duncansville, Pa.
Report supplied by auction

DAIRY COWS (75 traded): 450.00-1120.00 per head.

SLAUGHTER CATTLE: Steers-Choice 63.00-65.50; Good 56.00-63.20; Standard 50.00-56.00; Utility 46.00-50.00. Heifers- Choice 61.00-63.50; Good 52.00-61.00; Standard 47.00-51.00; Utility 44.00-47.00. Cows- Choice 46.00-49.00; Good 40.00-46.00; Standard 38.00-40.00; Utility 36.00-38.00; Cutters 34.00-38.00; Canners down to 30.00. Bulls 1100-1800 lbs. 51.00-58.00; 900-1100 lbs. 48.00-58.00.

FEEDER CATTLE: Steers-Choice 300-600 lbs. none; Medium and Good 50.00-58.00. Heifers-Choice none; Medium and Good 46.00-52.00.

CALVES: Vealers Prime and High Choice 85.00-91.00; Good and Choice 70.00-85.00; Standard 50.00-70.00; Utility down to 35.00. Farm Calves- Holstein bulls 90.00-120.00 lbs. 85.00-111.00. Heifers- 90-120 lbs. 60.00-102.50.

HOGS: Barrows and Gilts 200-240 lbs. 46.00-48.90; 170-300 lbs. 47.00-47.50. Sows 310-650 lbs. 30.00-39.50. Boars 27.00-32.50.

FEEDER PIGS: 25-35 lbs. 18.00-26.00 per head; 35-50 lbs. 26.00-40.00.

SHEEP: Slaughter lambs 80-100 lbs. 52.00-58.00. Ewes- 12.00-28.00. Goats- 12.00-40.00.

PA. PRODUCE

Fruit & Vegetable Hotline Prices

Thursday, June 30
Report supplied by PDA
Hotline 1-800-932-0904

APPLES: 35 cents lb.; 2.00 ½ peck; 3.50 peck; 5.95 ½ bushel.

ASPARAGUS: 99 cents bunch.

BLACK RASPERRIES: 1.00 qt.; 1.00 qt. Pick your own.

BROCCOLI: 75 cents lb.

RED BEETS: 39-89 cents bunch; averaging 59 cents.

CABBAGE: 20 cents lb.

SWEET CORN: 20-25 cents ear.

CUCUMBERS: 4/1.00.

CAULIFLOUR: 89 cents head; 90 cents lb.

KAULIRABBI: 3 heads 79 cents.

CANTELOPES: 1.25 each, large.

CIDER: 2.35 gallon.

SWEET CHERRIES: 1.50-1.85 qt.; 1.55 lb.; 85 cents lb. pick your own.

TART CHERRIES: 1.85 qt.

HONEY: 1.75 lb.

LEAF LETTUCE: 50 cents lb.

HEAD LETTUCE: 50-79 cents head.

GREEN BEANS: 39 cents lb.

ONIONS: 25-50 cents bunch of 10.

PARSLEY: 29 cents bunch.

SUGAR PEAS: 75 cents pt.; 1.55 qt.

SUGAR SNAP PEAS: 60 cents lb.

PEPPERS: 4/1.00.

RADISHES: 25-50 cents for a bunch of 10.

SPINACH: 89 cents lb.

STRAWBERRIES: 1.15-1.85 qt.; averaging 1.50 qt.; 60 cents lb. pick your own.

ZUCCHINI SQUASH: 25-50 cents each; 59 cents lb.

TOMATOES: 69-95 cents lb.; averaging 80 cents lb.

HYDROPONIC TOMATOES: 1.69-1.79 lb.

WATERMELONS: 5.95 each.

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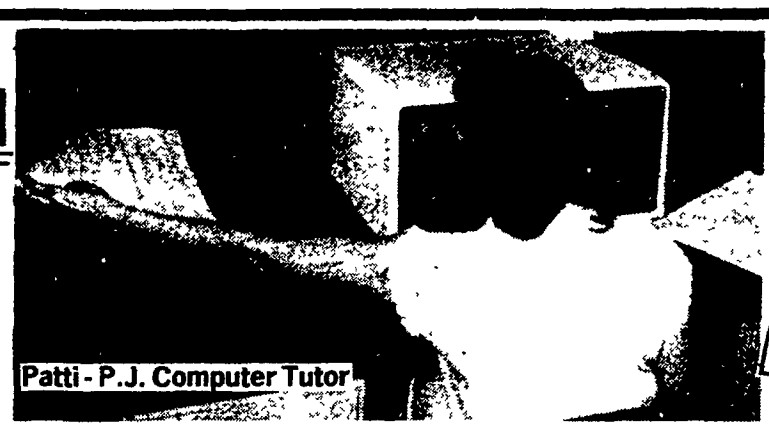

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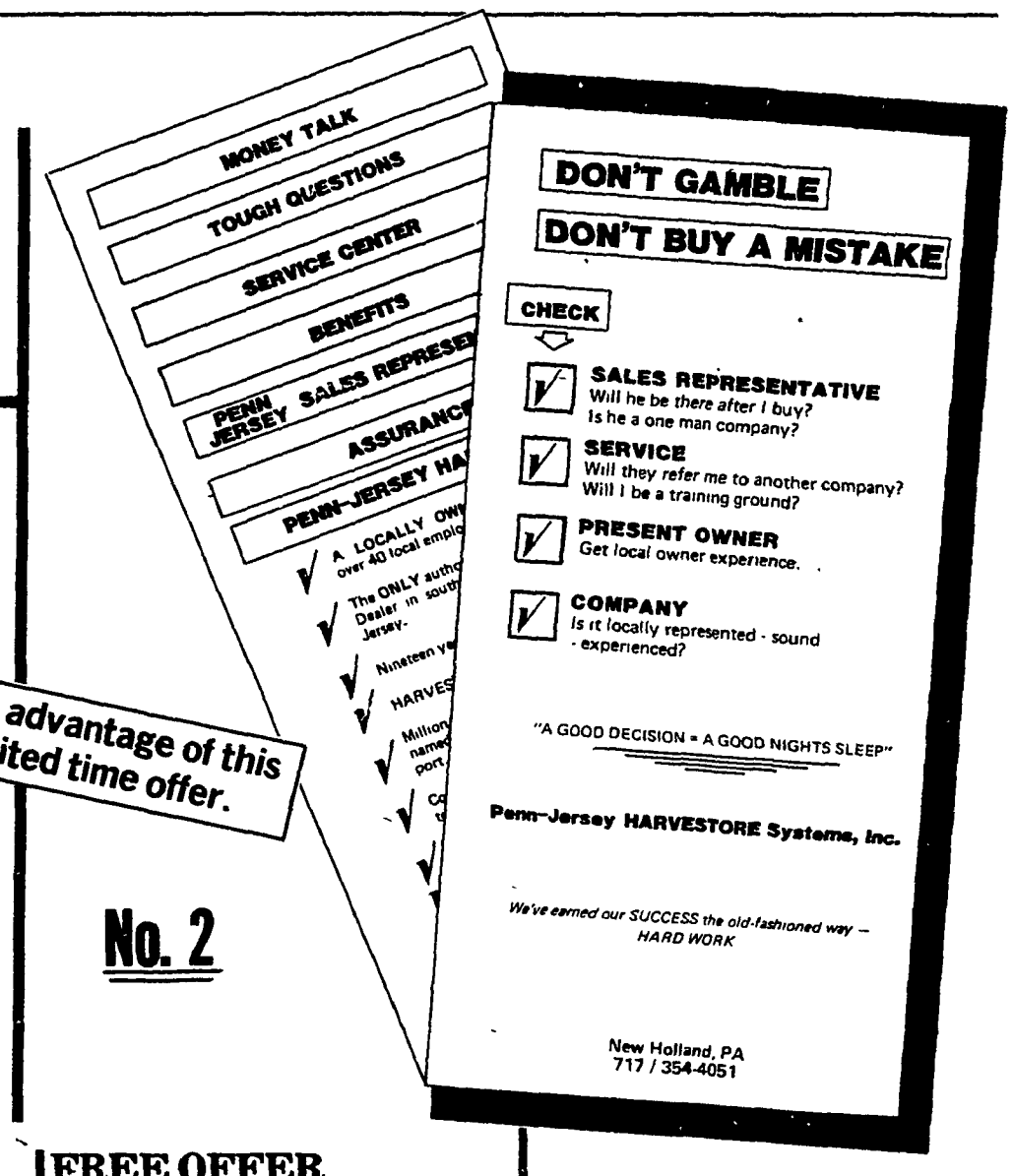

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New Holland, PA 17557 (717) 354-4051

Livestock market and auction news

Indiana Livestock

Indiana, Pa.
Thursday, June 30
Report Supplied By USDA

CATTLE: 126. Sl. cows weak to ¼ lower. Sl. steers: (few) Good 55-56.75; (few) Standard 53-55.75; (few) Utility 48-50. Sl. cows: (few) Utility & Commercial 43-46.50; (few) Cutters 40-43.25; (few) Canner & L. Cutter 31-40; Shells down to 23. Sl. bulls: (few) Yield Grade No. 1, 1200-1600 lbs. 50.75-55.25; (few) Yield Grade No. 2, 1000-1200 lbs. 48-50.

FEEDER CATTLE: Steers, (few) Large Frame No. 2, 500-700 steers 47-51. Heifers (few) Medium & Large Frame No. 1, 500-700 lbs. 48-50.25; (Few) Bulls Medium No. 2 450-800 lbs. 54-61.

CALVES: 110. About steady farm calves. Vealers about steady. (Few) Choice 70-80.50; (few) Good 60-71. (few) Standard & Good 90-120 lbs. 53-63; 60-85 lbs. 43-54.

FARM CALVES: Hol. Bulls 90-125 lbs. 64-85; Hol. Heifers 90-120 lbs. 70-93.

HOGS 82. Barrows and gilts 25-50 cents lower. US No. 1-2 210-240 lbs. 46-47 No. 1-3 200-250 lbs. 45-46; No. 2-3 370 lbs. 32; Sows US No. 1-3 350-560 lbs. 31-33.50; No. 2-3 300-670 lbs. 28-31. Boars 27-30.

FEEDER PIGS: 35. 25-35 lb.; 24-27.70. (Few) US No. 1-3 45 lbs. (few) Utility 20 lb. at 15.

SHEEP: 52. Sl. lambs (few) Choice 52 lbs. 59; (few) Good 55-95 lbs. 45-51.50; (few) Sl. ewes: 10-14.50.

GOATS: 2. 13-15.50.

Belknap Livestock

Dayton, Pa.
Wednesday, June 29
Report Supplied By PDA

CATTLE 85. Compared with last Wednesday's market, slaughter cows about steady. Individual Choice slaughter steer at 59.25, few Good 52.50-55.00, Standard 47.50-52.25. Couple Choice slaughter heifers 52.25&54.00, few Standard 48.75-50.00. Utility & Commercial slaughter cows 43.50-47.00, Cutters 40.00-43.75, Canner & Low Cutters 31.50-40.00, Shells down to 30.00. Few Yield Grade #1 1200-1855 lbs. slaughter bulls 49.50-53.75. Few Medium & Large Frame #2 355-760 lbs. feeder steers 48.75-53.00. Medium & Large Frame #1 340-725 lbs. feeder heifers 42.00-50.00. Few Medium & Large Frame #1 545-760 lbs. feeder bulls 45.00-48.50.

CALVES 86. Few Choice vealers 65.00-73.00, few Good 52.00-61.00, Standard and Good 90-125 lbs. 52.00-60.00, 60-85 lbs. 40.00-53.00. Farm Calves: Holstein Bulls 85-125 lbs. 55.00-74.00, few Holstein Heifers 65-100 lbs. 55.00-69.00, Beef cross bulls and heifers 65-155 lbs. 55.00-107.50.

HOGS 262. Barrows and gilts mostly $1.50 lower. US No. 1-2 210-245 lbs. barrows and gilts 45.00-45.90, No. 1-3 2-255 lbs. 44.00-45.00, No. 2-3 2-290 lbs. 40.00-44.00. Sows $2 lower. US No. 1-3 325-590 lbs. sows 30.00-35.00, No. 2-3 380-530 lbs. 27.50-30.00. Boars 28.00-37.00.

FEEDER PIGS 134. US No. 1-3 15-30 lbs. feeder pigs 13.00-26 per head, No. 1-3 30-40 lbs. 25.00-30, No. 1-3 40-50 lbs. 30.00-40 per head.

SHEEP 28. Mixed Good & Choice 65-90 lbs. spring slaughter lambs 38.00-44.00. Few Slaughter ewes 6.00-20.00.

Weekly Summary

Friday, July 1
Report supplied by PDA

CATTLE: 6676. Compared with 8427 head last week, and 6335 head a year ago. Compared with last week market: Sl. heifers: mostly .50-1.00 higher; Sl. cows 1-3 most decline from midweek on. Sl. bullocks: few Choice 58.00-61.50; few Good 53.00-57.75; few standard 50.00-54.50. Sl. bulls: few Yield grade No. 1. 1000-2250 lbs. 49.50-57.25; few Yield Grade No. 2, 900-1500 lbs. 44.00-52.50.

FEEDER CATTLE: Steers, few Medium 1, 350-800 lbs. 57.00-70.00; few Medium & Large Frame No. 2, 500-800 lbs. 47.00-54.00. Heifers, Medium 1, 350-750 lbs. 42.00-58.00.

CALVES: 3963. Compared with 4641 head last week and 3966 head a year ago. Vealers mostly 2-10 lower. Few Choice 68-80 few 85; few Good 60-71, few Standard & Good 110-130 lbs. 55.00-65.00; 90-110 lbs. 50.00-63.00; 60-90 lbs. 43.00-55.00; few Utility 50-100 lbs. 25.00-50.00.

FARM CALVES: Hol. Bulls 85-125 lbs. 55.00-106.50 mostly 60-85; Hol. Heifers 80-140 lbs. 55.00-103.00 mostly 65.00-96.00.

HOGS 6965: Compared with 7440 head last week and 7436 head a year ago. Steady to 1.50 lower. Barrows and gilts US No. 1-2 200-245 lbs. 45.50-48.95, No. 1-3 200-250 lbs. 44.00-47.00; No. 2-3 200-285 lbs. 40.00-44.00; No. 1-3 140-190 lbs. 39.00-42.75; Sows 1-2 lower. US No. 1-3 300-500 lbs. 31.00-35.00; No. 2-3 300-650 lbs. 27.00-32.00. Boars 27.00-33.00.

FEEDER PIGS: 1532. Compared with 1773 head last week and 1169 a year ago. Steady to 5.00 lower, few US No. 1-3 20-35 lbs. 15.00-27.00 pe rhead; few No. 1-3 35-50 lbs. 23.00-36.00; few No. 1-3 50-75 lbs. 30.00-50.00.

GRADED FEEDER PIGS: 2 sales 1941 compared with 2834 head last week, and 1557 head a year ago. Alls ales by CWT. Feeder Pigs mostly 8.00-10.00 lower Few US No. 1-2 25-40 lbs. 60.00-86.00, few 90-100 40-50 lbs. 63.00-85.00, 50-60 lbs. 60.00-74.00, 60-75 lbs. 50.00-69.00; few US No. 2-3 25-40 lbs. 62.00-70.00 a few 90.00.

SHEEP: 1344. Compared with 1512 head last week and 1136 head a year ago. 2 to 4 lower. Few Choice 60-115 lbs. 46.00-59.00; few Good 40-95 lbs. 38.00-51.50. Sl. ewes 8.00-24.00.

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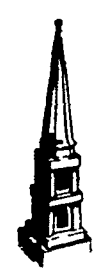

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Rep. George prides committee with DER action

HARRISBURG — The chairman of the House Conservation Committee said Wednesday that he believes recent major enforcement actions by the Department of Environmental Resources would not have occurred if his committee had not been investigating the department.

State Rep. Camille "Bud" George, (D-Clearfield) noted that DER had issued a closure order to the Strasburg landfill in Chester County and has pressed for a reply to an unanswered DER letter to the Chrin landfill in Northampton County.

George pointed out that a citizens' group in Chester County had attempted in vain to have DER enforce environmental laws at the Strasburg landfill, but that shortly after the group met with him and members of his committee in Harrisburg, the department moved in and ordered the landfill closed.

"I'm sure that DER officials will say that they were preparing to close the Chester County landfill before our committee began its probe," George said, "but it's just too much of a coincidence that a citizens' group had been pressing for such action for several years without success until they told DER they had asked for the Conservation Committee's assistance."

The Clearfield County democrat also said that testimony by a DER official at hearings in Easton revealed that the department had not had a reply to a 1981 letter requesting the owners of the Chrin landfill to document which of 85 loads of industrial waste had not been accepted at the site.

"I wrote to Secretary Nick DeBenedictis three times in the last month asking whether or not the department was going to insist on a reply to the letter," George said, "and finally, I received an answer from DER telling me that they have informed the owners of the Chrin landfill that no decision would be made on the landfill's pending application for expansion until they provided the information requested in the 1981 letter.

"They also told me they requested Chrin's consultant to provide a closure plan adequate to deal with those industrial wastes against the possibility that all or part of them were actually deposited in the landfill," he continued.

George said he is certain the Chrin action would never have taken place had the committee not brought out what he said was DER's "total mismanagement of the Chrin case."

"They had written a very serious letter to Chrin, listing 85 tankerloads of industrial waste documented by manifests from the states of Massachusetts and New Jersey," he said, "and they were content to let the landfill operate without even a slap on the wrist even though more than a year and a half had passed without even the hint of a reply."

At the same time, George pointed out that DER was well aware that an investigation by the state attorney general into the alleged dumping revealed that a receiving attendant at the landfill had admitted signing the manifests.

"I am extremely pleased that DER has adopted an enforcement mode," he said, "but I am very much concerned about two items — how many more Chrins and Strasburgs are there throughout the state that are being ignored by the department; and will the department continue to enforce the environmental laws as vigorously once the committee has concluded its investigation?"

Livestock market and auction news

Belleville Livestock

Belleville, Pa.
Thursday, June 29
Report Supplied By PDA

CATTLE 125. Compared with last Wednesday's market, slaughter cows $1.75-$3.25 lower. Individual Standard slaughter steer at 48.10. Utility & Commercial slaughter cows 43.75-46.50, couple 48.60, Cutters 40.00-42.75, Canner & Low Cutters 38.00-40.50, Shells down to 33.00. Few Yield Grade #1 950-1480 lbs. slaughter bulls 49.75-52.85.

CALVES 176. Few Good and Choice vealers 60.00-66.00, Standard & Good 75-110 lbs. 45.00-54.00, few Utility 50-80 lbs. 36.00-40.00. Farm Calves: Holstein Bulls 90-125 lbs. 58.00-78.00, couple 81.00; few Holstein Heifers 85-120 lbs. 55.00-103.00.

HOGS 228. Barrows and gilts steady to 75 cents lower. US No. 1-2 210-235 lbs. barrows and gilts 45.85-46.00, No. 1-3 2-250 lbs. 44.00-45.85, No. 2-3 240-275 lbs. 38.75-43.85, No. 1-3 175-185 lbs. 39.00-42.75. Few US No. 1-3 540-735 lbs. sows 28.50-33.00. Few Boars 25.50-32.75.

FEEDER PIGS 269. US No. 1-3 20-35 lbs. feeder pigs 20.50-34 per head, No. 1-3 35-55 lbs. 32.00-43 per head.

SHEEP 105. Good and Choice 50-100 lbs. spring slaughter lambs 39.00-47.00, few Utility 50-75 lbs. 28.00-35.00. Slaughter ewes 12.00-19.00. GOATS 25: Large 16.00-33.00 per head, Kids 15.00-21.00 per head. HOLSTEIN DAIRY COWS $680-1040, COUPLE 1275 PER HEAD.

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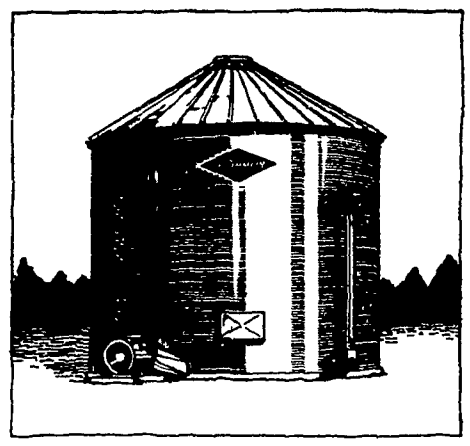

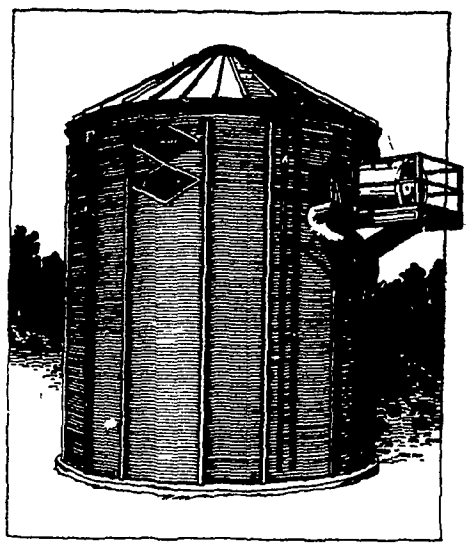

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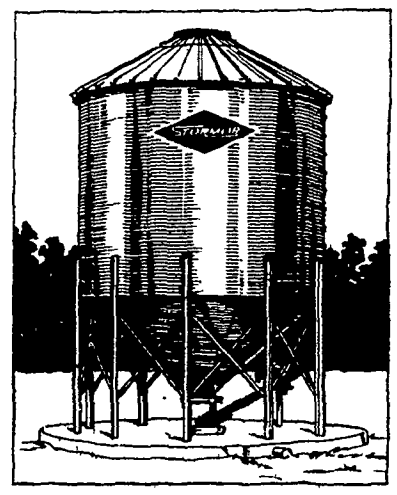

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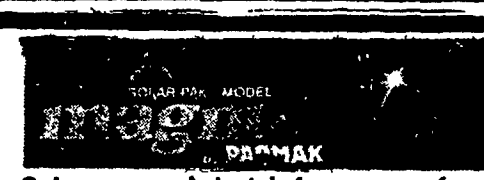

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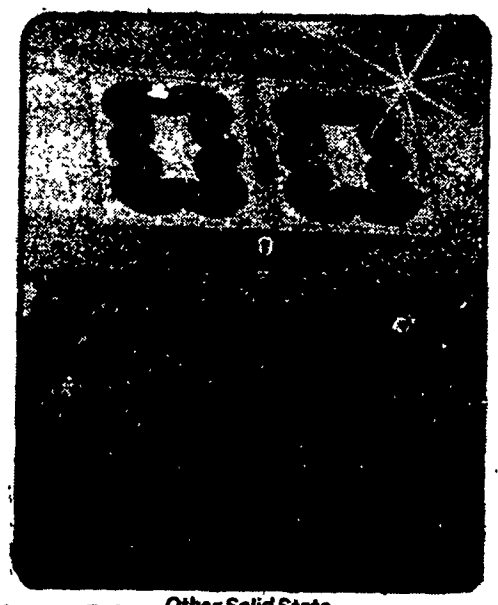

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Keep the milk habit

ROSEMONT, Ill. — Back in its heyday before World War II, Americans ate butter at a 12-pounds-per-capita annual rate. Then butter went to war and the price soared to $1 a pound, People got out of the habit of eating it and since that time p capita consumption of butte igged to four pounds a year. ccording to UDIA's John F. B kman, author of 'From this Corr

From this Corner believes that milk drinking should be such a habit that consumption should at least keep pace with population growth. Milk drinkers should keep the healthful habit and we should never lose our market to substitutes or other competitive beverages.

One definition of "habit" is "an acquired mode of behavior that has become nearly or completely involuntary." Milk drinking should be such an integral part of our eating habits that maintaining production to meet increased consumption should be the dairy industry's problem, rather than vice versa.

From This Corner contends that habits must be maintained to keep them shiny bright, light silver and copper. They can easily be changed or forgotten through disuse.

Can you imagine cars without power steering, power brakes or air conditioning? Those were created habits that the automobile industry convinced most of us we couldn't live without.

Why is From This Corner concerned with maintaining the worthwile habit of milk drinking?

In the March 1983 issue of "Consumer Reports," there was a letter entitled "Rejecting 'the real thing.' " A mother and her daughter cooperated in a school science project to test one brand of margarine against butter. Two batches of shortbread cookies were baked, one with butter, the other with margarine.

More than 100 teachers and pupils were polled as to which cookie was made with butter. The teachers preferred and identified the butter cookie. But the vast majority of the kids endorsed the margarine cookie and deduced "that it must be the one made with butter."

"The kids knew what they were supposed to like: Having grown up with 'the buttery' taste of margarine, the kids rejected the unaccustomed taste and texture of the real thing."

Even though milk drinking has become a pattern of behavior and not a front-of-mind activity, we should continue in the same nutritious way. From This Corner believes that we should build our dairy markets, not surrender our products on the installment plan.

Let's start at the beginning with milk. Can you imagine starting your day without it? On your cereal or in a glass, or both? Cold milk with your luncheon sandw is a natural. And a mealtime habit of milk is easy to maintain when you're home. It's a bit tougher when you're out, but work on it. And don't forget milk with snacks.

While we're at it, From This Corner opines that we should get butter sales back to where they were 40 years ago.

We should also support the dairy industry by keeping the milk habit. You won't have to think about it. Just don't change your ways once you've seen the milk light.

I'm all for it. How about you?

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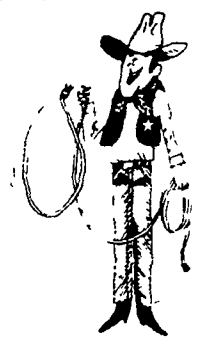

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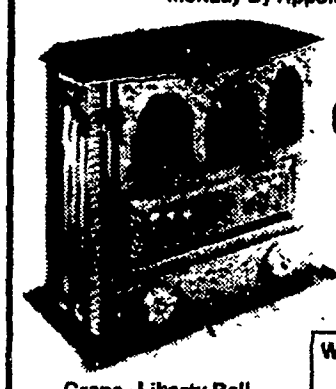

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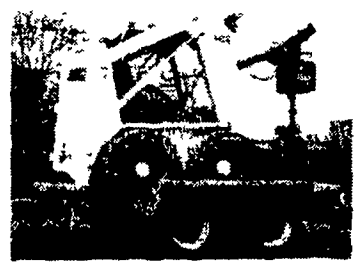

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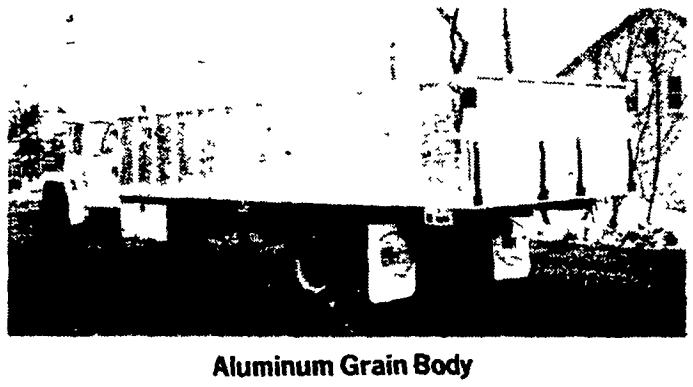

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CCC donates dairy products to Chile and Philippines

WASHINGTON — The U.S. Department of Agriculture's Commodity Credit Corporation has donated 15,510,000 pounds of dairy products to Chile and 250,000 pounds of dairy products to Children's Aid International, Inc. for the Philippines, according to a June 24 report by the Under Secretary of Agriculture, Daniel G. Amstutz.

A total of 14.8 million pounds of nonfatdry milk and 783,500 pounds of butteroil will be given to the Ministry of Health in Chile for distribution to 1.2 million children under the age of six years who are exposed to or suffering from malnutrition. Another 250,000 pounds of nonfatdry milk will go to the Nutrition Center of the Philippines, supported by Children's Aid International, Inc., to malnourished children in the same age group in the philippines.

This brings to 14 the number of programs implemented under recent legislation which amended Section 416 of the Agricultural Act of 1949 to allow the CCC to donate its surplus dairy products to help needy people overseas. This section also authorized domestic donations of these dairy products to help needy Americans.

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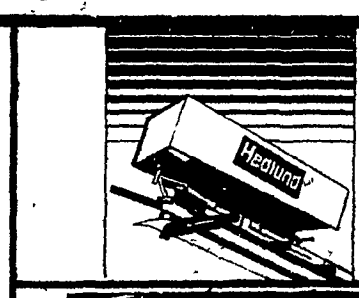

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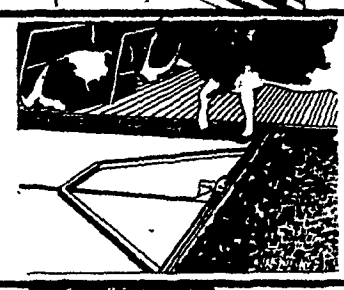

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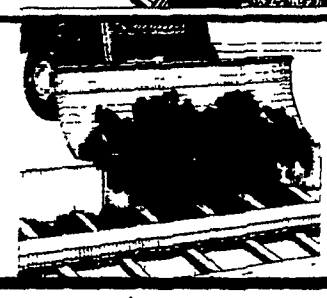

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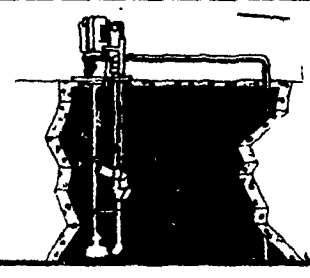

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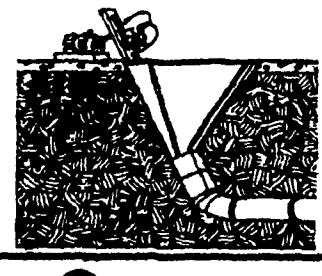

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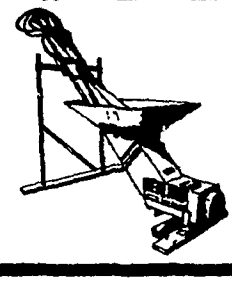

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Dairyman Tom Weimer was the official judge for the dairy judging classes. Here, Weimer points out the reasons for his placings.

Adams Co. Twilight meeting features promotion

NEW OXFORD — Milk promotion was the topic for the Adams County Holstein Association twilight meeting held on June 23 at Rhodes Enterprises. Three speakers were featured, giving Adams County Holstein breeders ideas for dairy promotion in schools and communities throughout the county.

The meeting began with the judging of a class of heifers and a class of cows. Tom Weimer, a local Holstein breeder, served as the official judge.

Donald Trumble, Director of Food Services for schools in Washington County, Maryland began the program by explaining the highly successful milkshake program that has been implemented in all Washington County high schools and that will be a part of their Middle School lunch program beginning in September.

Serving milkshakes as part of the regular school lunch was designed as an "enticement to participate in the total nutritious lunch," according to Mr. Trumble. The milkshake program uses seventeen Taylor Freeze machines, similar to those used in the fast food chains. The shake contains a mix produced by Shenandoah Dairy Co-op, and the regular eight ounces of milk usually served with the school lunch. By freezing the mixture, and adding air and flavoring in the final step, a thick, creamy 14 Oz. milkshake is provided to the students.

The schools offer four flavors every day. Vanilla and chocolate are always available, as well as two other flavors that vary from day to day. Mr. Trumble explained that certain flavors are featured as a promotion for school activities.

Although the regular carton of milk is still offered as part of the school lunch, according to Mr. Trumble, eight out of ten students who buy a lunch choose a milkshake.

Mr. Trumble explained that this is a high milk usage program because it uses, not only the eight ounces of milk necessary for government reimbursement, but also non-fat dry milk, a surplus commodity that is provided through the USDA at a reduced cost.

The popularity of the milkshakes with the students has not only increased the total consumption of milk, but it has also increased the number of whole school lunches being served. This is a strong selling point to any school administration.

(Turn to Page A21)

Adams County Dairy Princess Faye Messinger demonstrates the jetshake milkshake machine that Adams County dairy farmers would like to put into use in area school cafeterias.

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PennAg Seminar speaker addresses concerns of foreign grain deals

Lavon Daugherty, national commercial grain specialist of Clayton Brokerage Co., St. Louis, Mo., addressed the approximately 140 attendants gathered for PennAg's annual grain meeting, Monday evening, at the Treadway Inn.

BY DEBBIE KOONTZ

LANCASTER — "It's going to be a long time before Russia comes back to being a good buyer for the United States," Missouri broker Lavon Daugherty told those assembled for the annual PennAg Industries Assn.'s grain meeting, Monday evening.

Speaking before a crowd of approximately 140 at the Treadway Inn, Daugherty told the audience that the United States-imposed embargo "has done irreparable damage. Because of this, the Soviet Union doesn't want to be responsible to the United States for more than 25 percent of their wheat supply. . .Compare this to the almost 75 percent we used to provide."

Although Daugherty's presentation centered on projections of grain supplies and possibilites should natural disasters and/or government interference occur, the audience seemed most concerned about foreign markets for grain.

Questions concerning China's purchases prompted Daugherty to reply, "If they can't buy it in cash, they don't buy much. They buy as they go. Their own produce is up this year, so we don't expect large purchases from them. They are traditionally buyers of the cheapest grain they can find."

On the home front, Daugherty advised the audience to use soybeans in their ration as opposed to corn since corn presently is demanding higher prices.

Daugherty serves as national commercial grain specialist with the Clayton Brokerage Co, in St. Louis, Mo.

The day-long grain seminar also featured Tyrone Robicheaux, Federal Grain Inspection Service in Philadelphia discussing "Wheat and Corn Grading;" Bill Craig, Bay State Milling Co., Shiremanstown, delivering "Wheat Quality — the Miller's Persepctive;" and Bill Griffith, Pestcon Systems, Inc. Shiremanstown, offering his opinion on "Grain Fumigation."

Approximately 80 people attended the afternoon seminars.

Also, Penn Ag announced that their 105th annual PennAg Convention, scheduled for Seven Springs on Sept. 25-28, will feature former US Secretary of Agriculture Earl Butz. He will discuss, "There is still a rainbow in agriculture."

WRAP UP YOUR FLY CONTROL PROBLEMS ON THAT OLD EARTAG

With the new ECTIBAN® Insecticide Tape, existing eartags can serve for both identification and fly control. Even last year's insecticide tag can be reworked. No more double tagging or cutting away old tags.

This unique device provides proven season-long control of horn flies and face flies. Through the natural movement of the head, cattle spread the insecticide directly to their shoulders and backs.

ECTIBAN Tape contains two ampules of ECTIBAN, the most effective fly control product on the market. ECTIBAN provides quick knock-down—you see results the same day you apply the tape. ECTIBAN gives long residual effect—kills flies up to five months and is low in toxicity to animals.

You simply wrap the ECTIBAN Tape around an existing eartag—either identification tag or last year's insecticide tag. With one squeeze of the thumb, the ECTIBAN is released, and the eartag is reworked, as easy as one, two, three, four.

ICI Americas Inc.

New Ectiban® Insecticide Tape

3.

To apply to eartags, wrap tape around neck of tag, overlapping ends for best adhesion.

4.

To activate tape, press with thumb to break ampules and release insecticide.

Twilight meeting

(Continued from Page A20)

Food service representatives from all Adams County School Districts were invited to this meeting as a way to introduce the idea of a milkshake program to local schools. When asked how to go about getting a program of this type implemented in the schools, Mr. Trumble described the steps he took in starting the program in Washington County. After a few meetings with his Board of Education, Mr. Trumble said he convinced them to allow him to put in one machine in a high school on a trial basis. He began with a used, rebuilt machine, at about one half the cost of a new one. The overwhelming popularity of the milkshakes from that machine convinced the board to buy sixteen additional machines for use in the other county secondary schools.

"Gone are the days of 'it's good for you so you will eat it' attitude toward school lunches," Mr. Trumble explained. "We must give them good nutrition, and still something they like," he added.

Mr. Trumble's talk was followed by one from Diane Bliss of the Pennsylvania Holstein Association, who discussed milk promotion ideas being implemented in other parts of the state. Mrs. Bliss told the audience about the MIfflin County Mystery Tipper and distributed cards to members for use in a similar way in local restaurants. She also described some programs aimed at school children designed by other milk promoters in Huntingdon County and in northwestern Pennsylvania counties.

Mrs. Bliss explained some aspects of the work done by the Pennsylvania Holstein Association Milk Promotion Committee. This group identified restaurants and food services, schools, and working more closely with community service organizations, as three "areas of need" for improving milk promotion. Mrs. Bliss gave the group two suggestions for meeting these needs in the county. She urged members to take advantage of upcoming community events to promote milk, and to expand their available resources through work with the Dairy Princess Committee and the Pennsylvnaia Holstein Association. She concluded her remarks by stating that our goal is to "strengthen existing programs and help sell more dairy products."

Sue Beshore of the Atlantic Dairy Association provided an enjoyable conclusion to the program by showing film clips of nine milk promotion television commercials produced during the past year.

The meeting was hosted by Donald, Ted, and Donald Rhodes Jr. of Rhodes Enterprises, New Oxford. Each explained an area of the family's farming operation. Together they farm about 1500 acres and have a herd of 98 milking animals with about 65 replacement heifers. Ted, who handles the management of the crop work explained that they will have 150 acres of alfalfa by next year and that one of their goals will be to feed alfalfa forage exclusively to the milking animals.

A tour of their dairy complex, built in February 1980, followed these remarks. This modern complex includes a Surge double four herring bone parlor with

(Turn to Page A28)

Progressive milk marketing comes to Pennsylvania

BY TRISH WILLIAMS

LANCASTER — June Dairy Month is behind us now for another year. The flush of festivities celebrating the wholesomeness of dairy products has subsided. Looking back over the past month and reflecting over the month's many promotional activities and events, I am impressed with the positive, hopeful attitude the dairy industry has toward milk marketing. I am inclined to think Dairy Month was an educational and promotional success.

Newly crowned dairy princesses are primed, polished and ready to promote. Milk has been declared the official drink of Pennsylvania by Governor Thornburgh. I don't think anyone would deny the wholesomeness and nutritional value of milk.

But how much more milk was sold from these promotional efforts?

Now is an excellent time for aggressive advertising. The dairy industry has their foot in the door, they have the consumer's attention, now is the time to make the sale.

My intent in writing this article is not to shake my finger at anyone. I would like to point out two exciting marketing opportunities that I learned about during June Dairy Month, that could do great things to boost milk sales.

"A revolution is about to begin." This phrase is used by Dairymen, Inc. to describe the introduction of UHT milk. Ultra high temperature milk is indeed a revolutionary dairy product, breaking the perishibilities barriers that have always restricted milk marketing.

UHT has the green light in Pennsylvania for marketing. Dairymen, Inc. of Georgia, and Real Fresh of California have received permits to start marketing UHT milk in Pennsylvania.

According to Ralph Strock of Dairymen, Inc., they will start test marketing in Pennsylvania in July. 'Roll out' of UHT milk is scheduled for October.

Dairymen's UHT milk is marketed under the name Farm Best. Farm Best was rated as one of the top five new successes by store managers, in the April '83 issue of Progressive Grocer. Farm Best was ranked above these other new items: Diet Coke, Hi-C Drink Box, Budweiser Light Beer, and other.

"Aseptic packages and nutrition-related items dominated the list of most successful new items named by retailers. Three aseptic packages appeared in the top twenty:" according to Progressive Grocer.

UHT milk will allow the dairy industry to compete more aggressively with the soft drink industry. Many new possibilities exist with this product.

And why not get aggressive? I would stack milk up against any soft drink.

Terry Heller, National Dairy Council nutritionist gave an excellent presentation on comparative nutritional values, at a recent dairy conference I attended. The graphic comparison clearly illustrates the nutritional superiority of milk.

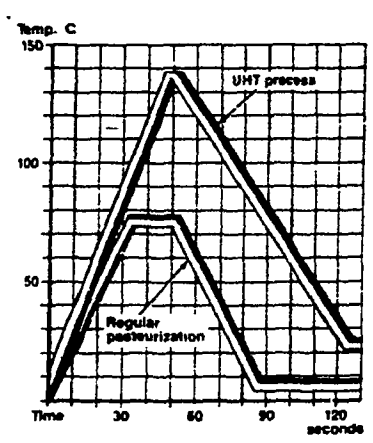
I have reprinted, with permission of the National Dairy Council, the graphs she presented that day. Unfortunately, they are not in color, which takes away from the richness of the illustration. Nonetheless, it points out in graphic detail the fullness of milk and the empty calories of soft drinks.

Milk is caffeine free and 100 percent natural. What a natural for comparitive advertising.

Now with UHT milk, milk can compete int he soft drink isle of the grocery store and in vending machines. What better time to get aggressive in milk marketing.

Dairymen have a winner. Go with it.

UHT— Dairymen's 'high tech milk'



Grade A milk is heated to 138 degrees Celsius (280°F) for a few seconds. Then it is cooled to 20 degrees Celsius (70°F). The process is known as UHT or ultra high temperature pasturization. In the regular pasturization process, Grade A milk is heated to a minimum of 72 degrees Celsius (161°F), held for at least 15 seconds, and then cooled.

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MILK
1. Polyethylene
2. Base Paper
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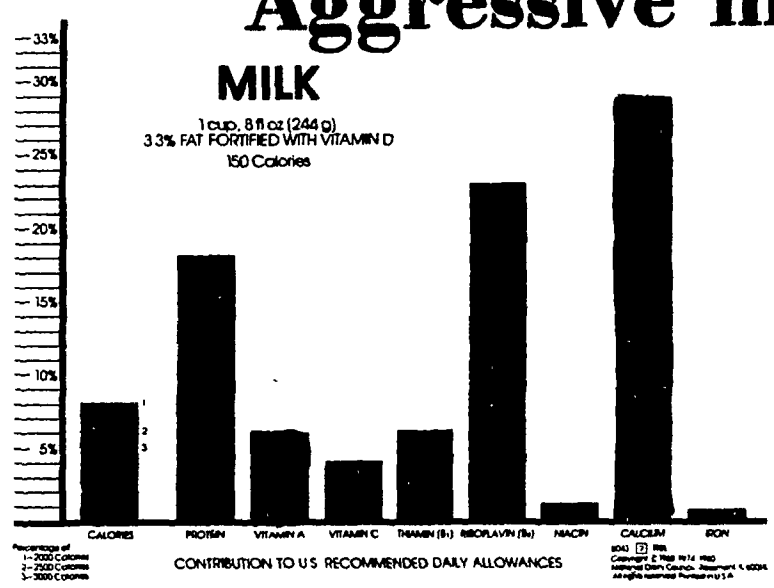
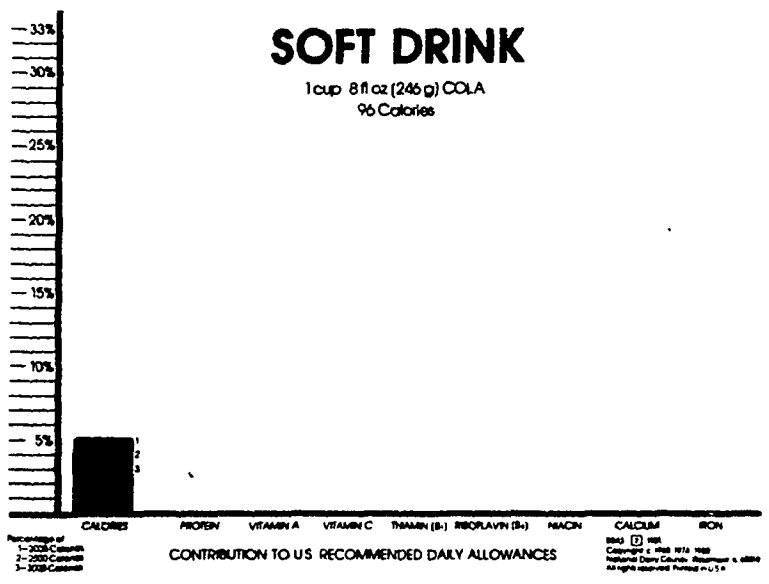
a new type of 5-ply package.
UHT milk is packaged aseptically (without bacterial contamination) in a container which is made from layers of plastic-coated aluminum foil and paper.
The container, known as a Brik-Pak, is hermetically sealed, protecting the milk from light, air, and the entry of bacteria.
UHT

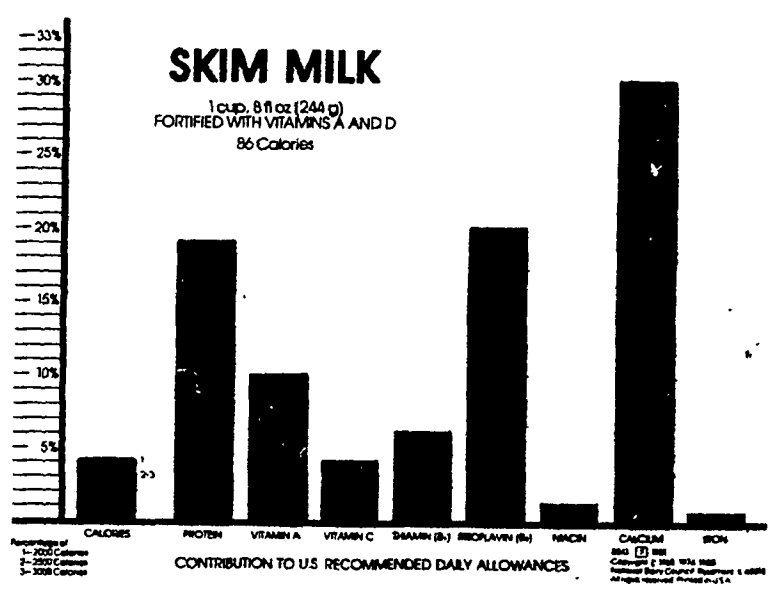
Because UHT is packaged aseptically and sealed hermetically, it can be stored unrefrigerated for up to three months.

Aggressive milk marketing



Make the milk challenge





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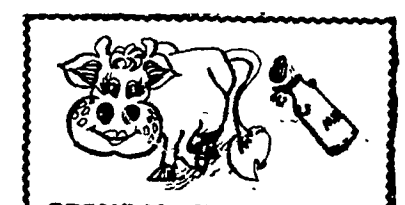
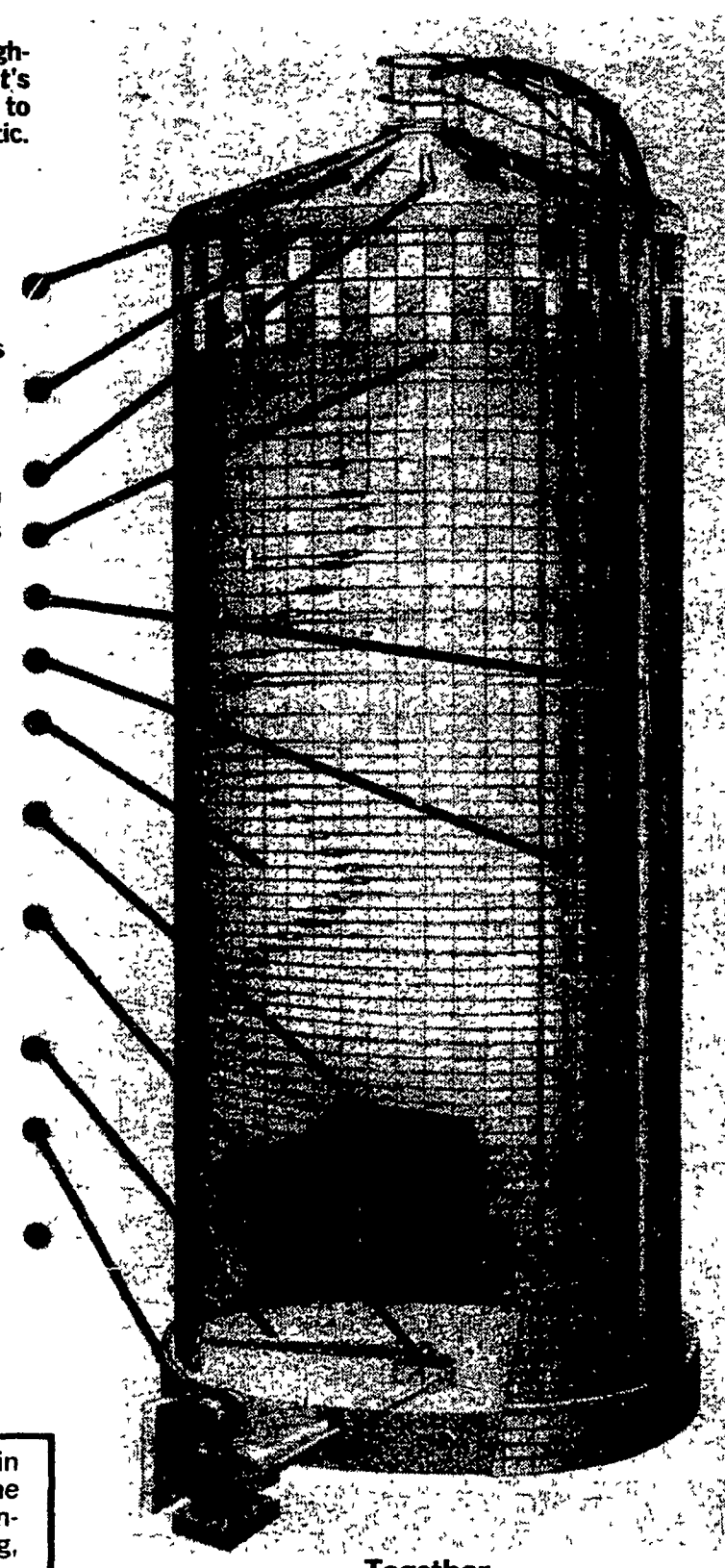


Grain-O-Matic is the superior oxygen-limiting, bottom-unloading structure for high moisture grain from Madison® Silos

You can't beat the Madison Grain-O-Matic for processing grain as high-moisture shelled corn, cracked shelled corn or ground ear corn. It's specifically designed as a high-moisture grain structure companion to the Madison Nutri-Matic.



White fiberglass roof — Specially molded for strength. Has submarine-type hatches, pressure control valve, galvanized and dichromated steel safety railing, galvanized cat walk, center fill pipe and filler pipe guide.

Poured concrete roof mounting collar — Exclusive. Rings of bolts draws fiberglass roof tight to structure with double ring of sealant between.

Electric feed distributor — For high-moisture grains. Uniform feed distribution wall to wall. Insulated.

Bonus capacity — No breather bags. Provides up to 4' extra feed capacity at the top. The light reflectivity of the Vibra-Cor staves, plus greater insulation value, permits elimination of breather bags.

Filler pipe — 9 inch galvanized pipe with slip section and center fill.

Outside ladder and safety cage — Galvanized and dichromated steel.

Barrel of Vibra-Cor staves - Exclusive Madison Vibra-Cor truss-beam concrete stave design. Includes full-measure hooping for greater strucutural integrity.

Gunite interior finish — Tough, durable, continuous interior finish. A nominal ½-inch of high-quality concrete "shot" under high-pressure into the Vibra-Cor stave surface.

Laidig 43 bottom unloader — Sweep arm unloader especially designed for unloading high-moisture grains, including ground ear corn.

Complete foundation base — Madison® Silos furnishes all concrete, all materials and labor for the base.

Complete footing installation — includes labor, rebar and miscellaneous materials. Customer furnishes all footing concrete at prevailing charges from a local ready-mix supplier.

Construction and testing — By experienced Madison crews.

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15' - 20' - 24' From 3,785 Bu. to 25,825 Bu.

Madison® Grain-O-Matic® ... You can get rid of corn cribs, grain dryers and gas bills forever with a Madison Grain-O-Matic. Beat the weather at harvest time and enjoy the dynamic feed power of high-moisture grain in your rations by adding this efficient oxygen-limiting, bottom-unloading structure to your System.

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Library director

WASHINGTON, D.C. — Joseph H. Howard is the new director of the U.S. Department of Agriculture's National Agricultural Library.

Howard's appointment was announced by Orville G. Bentley, USDA assistant secretary of agriculture for science and education. The new director had been acting director of the library since last December. At the same time, he served as assistant librarian (processing services) of the Library of Congress.

With 1.7 million volumes, the National Agricultural Library is the largest of its kind in the free world. It is one of three national libraries along with the Library of Congress and the National Library of Medicine.

A native of Olustee, Okla., Howard received a bachelor's degree from the University of Oklahoma in 1952. After serving with the U.S. Army for two years and teaching from 1954 to 1956 in the Kiowa (Kansas) public schools, he returned to the University of Oklahoma, where he received a master's degree in library science in 1957.

TWA pays fine

WASHINGTON, D.C. — Trans World Airlines, Inc., of New York, N.Y., has agreed to pay a $1,000 penalty to settle a charge that the company violated transportation standards of the Animal Welfare Act, a U.S. Department of Agriculture veterinarian said today.

Richard Rissler, a veterinarian directing field animal care activities for USDA's Animal and Plant Health Inspection Service, said the complaint involved four dogs shipped from St. Louis, Mo., to Saugus, Mass., on April 28, 1982, in crates that were too small for the animals to move about normally. The dogs were intended for resale at a local pet shop.

In agreeing to the settlement, TWA neither admitted nor denied the USDA charge, Rissler said.

The Animal Welfare Act requires commercial carriers such as TWA to register with USDA and to meet federal standards if they accept live animals for transportation. The standards cover size, ventilation, markings and construction of animal crates as well as the conditions under which animals are shipped.

PDA announces annual vegetable recipe contest

HARRISBURG — Share your success with fresh Pennsylvania produce. Enter the Fourth Annual Pennsylvania Vegetable Recipe Contest. Entries are due July 22 with the final judging on August 24 at Ag Progress Days in Rock Springs, just west of State College.

The Pennsylvania Vegetable Recipe Contest is sponsored by the Pennsylvania Department of Agriculture, the Pennsylvania Vegetable Growers Association and the Penn State College of Agriculture.

All entries are screened by a panel of three judges who choose 12 entries for the final cook-off during Ag Progress Days. Entries should include all ingredients and instructions (no brand names), the number of servings, and the baking time and temperature if applicable.

The twelve finalists will take their prepared entry to Ag Progress Days for final judging. Facilities for reheating dishes are available. Entrants are responsible for their own expenses.

The first prize winner receives $100 cash. Second prize is $50, while third and fourth prize contestants will receive $25 each.

Vegetable dishes are judged for taste and nutrition, 40 points; originality, 20 points; ease of preparation and practicality, 20 points; and appearance, 20 points.

To enter the Fourth Annual Pennsylvania Vegetable Recipe Contest, send three typewritten copies of one recipe to Vegetable Recipe Contest, 401 Agricultural Administration Building, Penn State University, University Park, PA 16802. Entry deadline is July 22 so send your entry today!

Save Money With Full Freezer

LANCASTER — The only good freezer is a full freezer. That's one rule you want to remember if you own a home freezer. It costs money to run a freezer' that's full of food, but it costs even more to run one that's only partially filled. You are paying for the extra electricity needed to cool all the increased air space.

Now is the time when fresh fruits and vegetables are beginning to sell at seasonally low prices. Use only good, quality products — the quality will not improve with freezing.

Most vegetables require blanching before freezing. Blanching is the process of boiling or steaming vegetables to retard or stop the action of enzymes. Timetables for blanching different vegetables can be found in most general cookbooks or commercial freezing guides.

Vegetables with high water content, such as celery, cabbage, lettuce or tomatoes, usually freeze best when precooked. If frozen raw, these vegetables become mushy when thawed. Green peppers do not have to be blanched before freezing, but if frozen raw they do tend to have a stronger flavor. Onions tend to lose flavor after several months in the freezer.

Although we think mostly of freezing fruits and vegetables during this time of year, don't overlook sales on cook-out meats for the summer. In general, beef keeps longer than veal or lamb, while all of these keep longer than pork. Large pieces, such as roasts, keep quality longer than smaller cuts and ground products. Processed meat products such as cooked hams, lunch meats and hot dogs tend to lose or change flavors if kept frozen for over a month.

While some foods keep longer than others, you shouldn't freeze any foods longer than a year. Foods lose quality and flavor if kept frozen too long. In addition, high turnover helps lower freezer operating cost per pound by spreading it out over a greater quantity of food.

Above all, make sure your freezer maintains correct temperatures. Invest in a thermometer and check temperatures at different places from time to time. Zero degrees or below is best.

Homemakers win Great American Family awards

WASHINGTON, D.C. — Four of nine winning families of the first annual "Great American Family" awards program, sponsored by the American Family Society, were honored today at the U.S. Department of Agriculture because of their connection with USDA's Extension Service.

Assistant Secretary of Agriculture Orville Bentley said the families were selected on the basis of their exemplary family life and community service achievements.

"All of the women and one of the men in the four families are Extension homemakers, part of USDA's Cooperative Extension Service network of a million highly trained Extension volunteers who provide education and information to others in their communities," Bentley said.

The families are: Neva and Stephen Black, and their three children from Kenai, Alaska; Rebecca and David Kaluna Keala and their ten children, grandchildren and great grandchildren from Pukalani, Maui, Hawaii; Nellie and John Madison and their four children from Echo, Ore.; and Ramona and Larry McCord and their four children from Deatsville, Ala.

These families were also recognized June 22 at a White House ceremony for all nine winning families where they received certificates from Nancy Reagan, honorary chairperson of the awards program.

Mary Nell Greenwood, administrator of USDA's Extension Service, said the awards program is designed to highlight the celebration of National Family Week, celebrated each year during Thanksgiving Week. Next year's awards program will start at that time.

These organizations selected the winning families: The Armed Forces YMCA, Family Service Association of America, General Federation of Women's Clubs, National Association of Life Underwriters, National Extension Homemakers Council, National Urban League, and the United States Jaycees. The purpose of the awards program is to strengthen family relationships and contribute to the quality of American life through community services.

cheeses
GOOD & GOOD FOR YOU

Ag funds get Senate approval

HARRISBURG — The Pennsylvania Senate on Wednesday, approved a $8 billion state budget, that contained increased funding for agriculture. But, according to government sources, Governor Thornburgh is expected to cut the budget before he approves it.

If the budget was approved by Thornburgh as it was passed by the House and the Senate, it would require more than $900 million in new taxes. Thornburgh does not favor imposing new tax burdens.

According to a legislative aide to Senator Edward W. Hefrick, Chairman of the Agriculture and Rural Affairs Committee, the budget sent to the Governor by the Senate includes funding for these key agricultural concerns:

-$14,845,000 for the general government agriculture operating budget.

-$235,000 for additional personnel in the Bureau of Foods and Chemistry.

-$60,000 for additional personnel at the state Diagnostic Laboratory.

-$100,000 for the acquisition of a calibration for the Bureau of Weights and Measures.

-$360,000 to fund agricultural research.

-$300,000 to fund a study of the nutrient loading of the Chesapeake Bay.

-$115,000 for Johne's Disease research.

-$60,000 to fund promotion of Pennsylvania farm products.

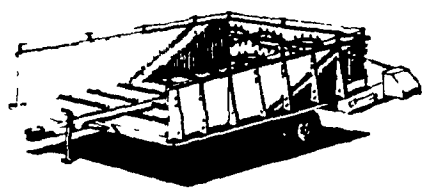
-$225,000 for indemnity payments to farmers.

-$3 million to the Ag Development Authority for low interest loans to farm families. And

-$3.5 million to fair funding.

b =balzer=
YOUR NEW HIRED HANDS

STATIONARY CONVEYOR BOX



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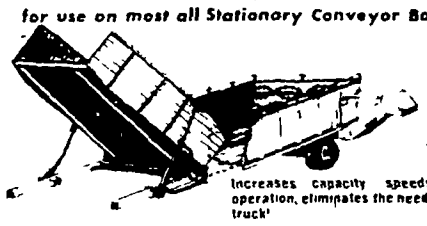

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Total LEB - 128 lbs.

CONTROL GROUP:
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Total Feed Intake - 14,424 lbs.

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Lean, light American Lamb

DENVER, Co. — After viewing two American lamb commercials in a consumer research survey, shoppers said American lamb is "good, tasty, delicious; can be served in a variety of ways; and is low in fat, lean, and low in calories."

The consumer research survey was conducted with shoppers screened at random in Los Angeles and San Francisco, California, by the American Sheep Producers Council, Inc. (ASPC), to determine the best approach to use in developing a television commercial for domestic lamb.

The primary objective of the consumer research was to determine which of two creative ideas would be most effective in terms of awareness, communication, attitude and motivation to serve American lamb. In two San Francisco and Los Angeles area shopping malls, female shoppers were screened as to doing most of the family's grocery shopping, being in the 18-54 years age group, and having prepared and eaten lamb at home in the past six months. Half of the group viewed a "Lamb It Up' commercial and half the "Lean, Light" commercial.

Both commercials communicated at a very high level that American lamb was the product being advertised. However, the "Lean, Light" commercial did a superior job of communicating the benefits of serving American lamb and was more appealing, less confusing and more believable than the "Lamb It Up" commercial. In addition, the "Lean, Light" commercial would more likely cause the respondents to mention features and benefits of American lamb to friends or neighbors. Additionally, the commercial got across the ideas of American lamb being a good alternative to other meats, that it is light and lean, and it should be bought and eaten. Both commercials gave highly favorable impressions of American lamb as being versatile, flavorful, and good for a change of pace for everyday meals.

Based on the research findings, the ASPC is proceeding in producing the "Lean, Light" television commercial to be used in selected key markets beginning the week of August 8 as a part of the Council's overall fall lamb advertising and promotion campaign.

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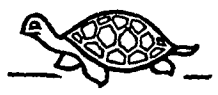

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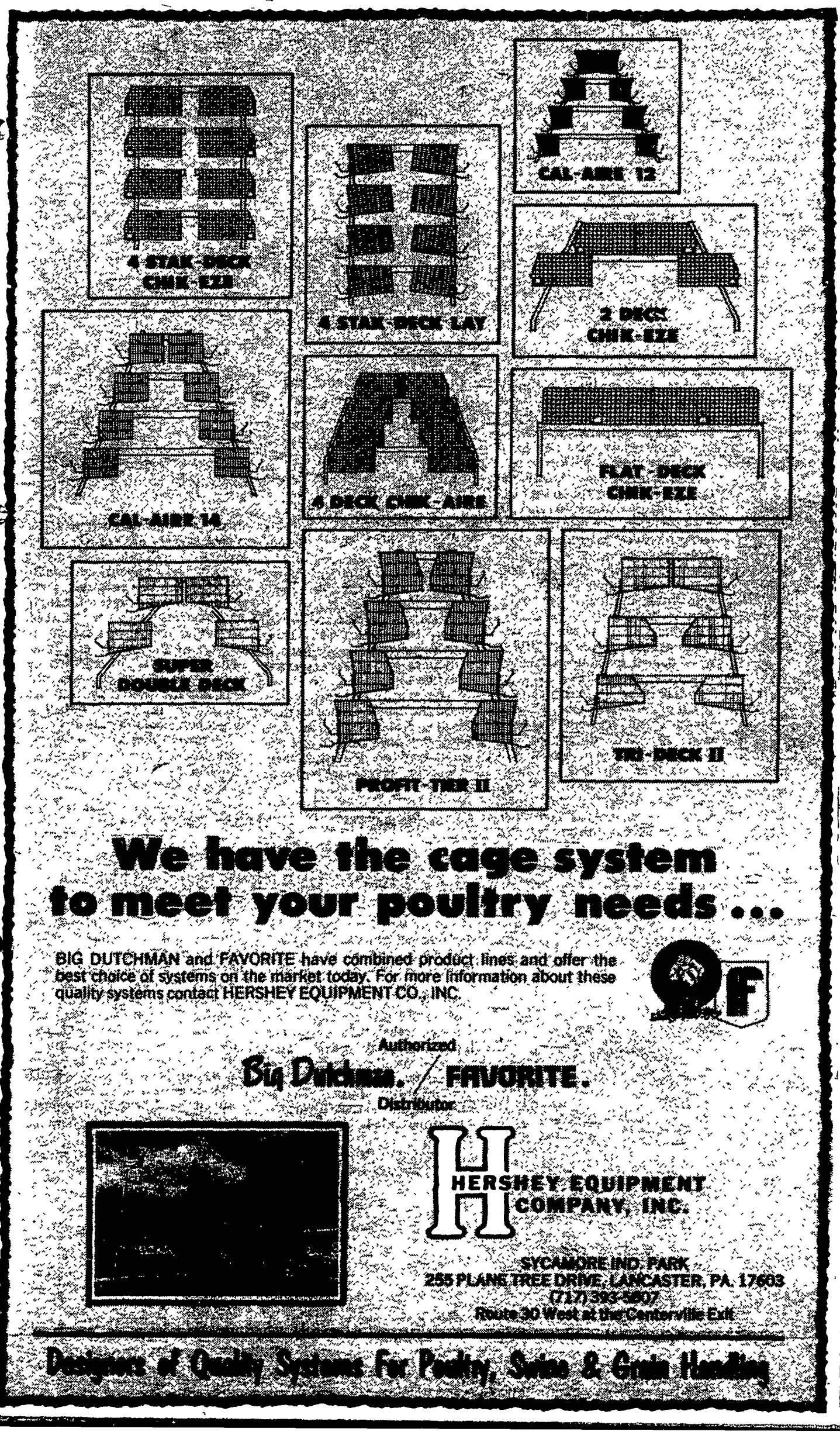

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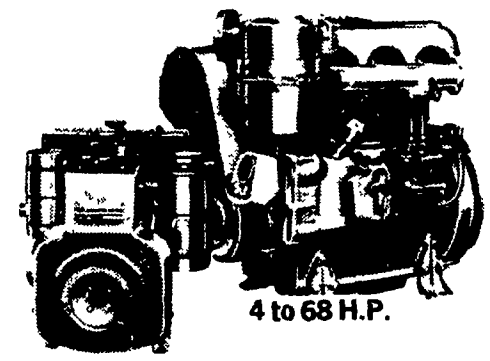

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DEALER INQUIRIES INVITED

Increase pasture production through management

BY TRISH WILLIAMS

LANCASTER — Summer like weather has finally arrived, temperatures are on the rise and rainfall is on the decline. The annual rush to get all the spring plantings in is over, and the first cutting of hay has been harvested. Porch swings and lawn chairs can finally get some use. But before you kick off your work boots and put your feet up you may want to take a walk over your pastures to evaluate their productivity.

July and August weather conditions can be very stressful on productivity of pastures, according to Arnold Lueck, Lancaster County Extension agent, and Warren Archibald, Lancaster County Soil Conservationist.

"Unfortunately, pastures have been the orphan of the farm," comments Lueck, "pastures have been neglected through the years. More attention needs to be paid to pasture management. A tremdous amount of acreage in Pennsylvania is in pastureland."

Pastures are generally relegated to the farm's poorest land, most often to acreage that is not tillable, says Lueck. But pastures are economically important to the farm and to Pennsylvania agriculture, especially when one considers the income derived from forage-consuming livestock.

Pasture improvement practices and good management of pastureland can greatly increase forage production while decreasing the cost of production for livestock. The more high quality, succulent forage provided in pastures for grazing livestock, the less forage the farmer must harvest, haul, store and feed out to livestock.

"The predominant species in pastures are the grasses, with a very limited amount of volunteer white clover," explained Lueck. "The grasses have a flush period in the cool, wet spring months. During the summer months these grasses drop off in production. Pastures require more attention during July and August, when there is more stress on the grass plants and they are less apt to produce. In September the production of cool season grasses generally picks up again."

To get around the problem of pastures becoming nearly dormant during the hot summer months, Archibald suggests planting warm season grasses such as switchgrass or big blue stem. These grasses grow from mid-June to early September. Rotational grazing is a must if these grasses are to persist, warns Archibald. Do not allow livestock to graze these grasses shorter than six inches.

"Properly fertilizing pastures plus rotating them can double the pasture production each year," says Archibald. "If possible pastures should be rotated. A three paddock rotation works best. After the animals have been swithced, mow the old paddock to cut weeds and stemmy grasses. Bring the animals back in five weeks. Rotational grazing is very important if pastures are used intensively. Cool season grasses, like orchardgrass and bromegrass, will persist if they are given rest periods.

"Under intensive continuous grazing only short stem species such as Kentucky Bluegrass will survive. Orchardgrass or bromegrass can produce twice as much dry matter as Kentucky Bluegrass. Rest periods also allow legumes to persist in the pasture," according to Archibald.

"Pastures should be mowed at least twice during the summer," reminds Lueck. "Mowing rejuvenates the plant and stimulates new, more succulent growth. A plant has one goal in its lifecylce - to reproduce by forming seed. When seed is produced and as the plant growth matures, the plant is far less palatable to grazing livestock."

Arnold Lueck, Lancaster County Extension agent.

Archibald recommends taking care of the fertility needs of the pasture in July and August by topdressing with fertilizer. "Pastures with mostly grass can be topdressed with 50-40-20. This is in addition to 50 pounds of nitrogren spread per acre in the early spring. Pastures heavy in legumes such as clovers, do not require as much nitrogen, and can be topdressed once a season with 0-40-120. Also check lime requirements every three to five years. Legumes require more lime than due the grass species.

Pasture Renovation

Pastures that have very few productive plant species, and that are plagued with weed problems will benefit from a pasture renovation program.

Now, more than ever before, farmers have at their disposal the tools and technology needed to renovate pastures, says Lueck.

"There are essentially three steps to renovating a pasture," says Lueck. The first step is to improve the soil fertility, in order meet the plants nutritional needs. The second step is to control undesirable vegetation - or more simply put - weed control. The third step is to introduce more desirable plant species, by seeding the taller more succulent and productive grasses and legumes.

Now, more than ever before, the farmer has at his disposal the tools and technology needed to renovate pastures. Excellent herbicides are on the market to control weeds that have invaded pastures, and new no-till and minimum till seeders have great advantages over conventional tillage on hilly pasture terrain.

Herbicides can be used to subjugate the existing sod with little or no lasting effects in the soil and at a relatively low cost.

Perennial weeds can become a tough problem if they are allow to invade and spread through pastures. Allowed to go uncontrolled perennial weeds will spread from pastures into fence rows and to crop fields. But even the more persistent perennials, such as multiflora rose and Canada thistle, can be controled with herbicides.

Annual weeds can also be troublesome, but again mowing before the seed head forms and judicous use of herbicides, can control these nuisance plants. Caution must be used when herbicides are applied to pasture where cattle are grazing, particularly lactating cattle. Grazing restrictions are listed on the herbicide label.

Warren Archibald, Lancaster County Soil Conservation Service.

Seeding with a no-till planter eliminates the danger of erosion and reduces seeding costs. Legumes and grasses are a 'real natural' combination, say Lueck. They complement each other in many ways, both in production and in the livestock ration.

Farmers contemplating renovating their pastures should plan ahead about one year, says Lueck. It is possible to do it in one year, if weeds are eliminated early in the spring, the pasture is mowed throughout the summer, and the plants species are seeded in the fall.

Lueck and Archibald emphasize the economic benefits that good pasture management returns to the farmer. Increased forage production enables the cattleman to increase the number of animal units per acre. In addition it reduces the expense of getting the feed into the animal because the animal can go out and gather a larger percentage of its feed.

Pastures can be a very economical way to feed to livestock, when properly managed.

Stagnant ponds can pose poison problem to cattle

UNIVERSITY PARK — Stagnant ponds and slow moving streams can poison cattle during hot weather. The cause of death is a toxin produced by bluegreen algae which grow vigorously in ponds under certain hot weather conditions. These algae grow best in ponds which have accumulated runoff of fertilizer from pasture and cropland.

Often a change of wind drives the massed algae and their toxins into a location where cattle drink regularly.

A little more than a quart of water containing the algae toxins will kill a six-week-old calf. It causes signs of illness in 30 minutes and death in three hours. In addition to cattle, sheep, horses poultry and other farm animals are susceptible to algae poisoning.

Signs of algae poisoning are vomiting, muscle tremors, diarrhea and convulsions. Since the poison acts so quickly, these signs may not be noticed and cattle will be found dead in the pasture.

If you need help in identifying certain ponds and areas where the conditions are right for algae growth, contact your veterinarian or county Extension office.

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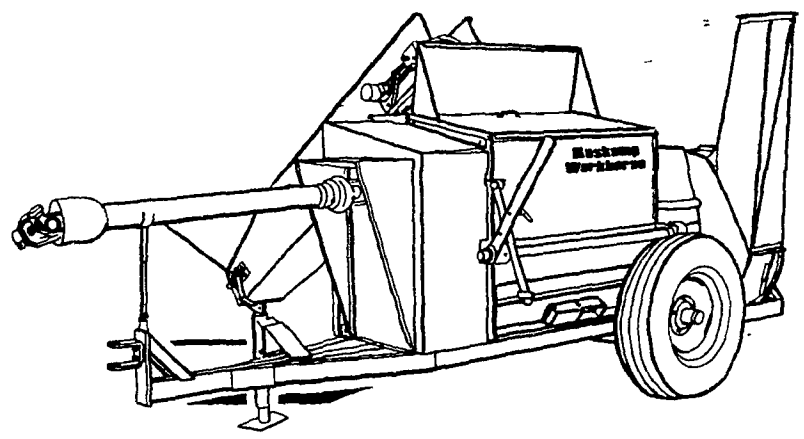

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Assure cattle clean water on pasture

NORRISTOWN — "A reliable supply of clean water is a necessity for a good livestock grazing program," states Edward Brzostek, District Conservationist for the U.S. Soil Conservation Service (SCS).

Many pastures are underused or idle because water is not available for livestock, he said. Some pastures contain wet areas which become mud holes and are a threat to animal health. Some herds get water from streams but Brzostek noted that cattle can trample streambanks and increase soil erosion. These undesirable situations may be minimized through the development of livestock watering facilities, Brzostek said.

Water supplies can come from two sources—surface and underground. Surface sources are runoff storage ponds. With suitable water-tight soils, 10 acres of runoff in a runoff area can provide enough water for a one-acre pond averaging six feet deep, declared Brzostek. Water for cattle can be piped through the bottom of the dam by gravity to livestock water troughs in the pastures. The runoff area should be protected from soil erosion and be free from water pollution sources.

Springs and seepage areas can provide underground sources of livestock water. This means that problems of wet areas in the farm pastures can be turned from a liability to an asset, Brzostek said. Water can be intercepted by digging a ditch above the seep or spring. Four-inch perforated plastic pipe or tile drainage is placed in the ditch below the winter frost line. The pipe is covered with a foot or more of gravel to increase the ability of the water to get into the pipe. Water flows to an underground collection tank. From there the water is piped by gravity to livestock water troughs.

Brzostek cautioned that both surface and underground collection systems require proper planning and some engineering. Farmers may obtain this help from SCS through the County Conservation District.

Twlight meeting

(Continued from Page A21)

automatic take-offs, freestall facilities for 110 cows, a Harvestore bunk feeder, a Harvestore silo for shelled corn as well as one for alfalfa haylage, and a slurry store system.

Following the program, door prizes, provided by area merchants, were awarded. Refreshments were served, courtesy of Pennsylvania Harvestore.

The next meeting of the Adams County Holstein Association will be the tour of farms in the Berks-Lehigh County area on July 12th. Reservations should be made by July 7 through any of the county directors.

Health tips

UNIVERSITY PARK — Pasture is a great place for growing heifers if you keep them healthy. Penn State's Cooperative Extension suggests a few tips which will help you keep those heifers free of health problems:

-Worm heifers twice during the pasture season. Your veterinarian can help you decide on type of wormer to use.

-Combat fly problems; back rubbers, dust bags, and oral larvacides all help.

-In areas where leptospirosis is a problem, heifers should be vaccinated before being pastured.

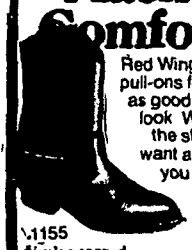
-Provide free-choice salt and minerals.

-When pastures get short, provide supplemental feed.

-Check heifers daily for early detection of health problems; watch especially for pinkeye.

Your heifers can grow a lot by the fall, if you'll follow these health tips.

"Macho" Comfort!



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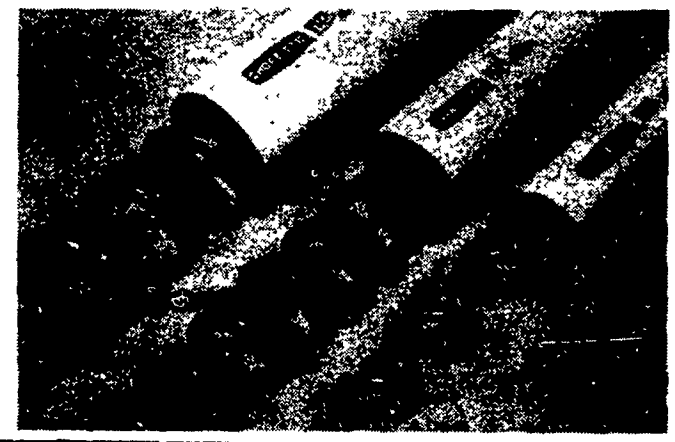

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More conservation tillage

LEESPORT — "Some form of conservation tillage in you future", says Roy Shyrock, Conservation Technician of the Soil Conservation Service. This will be a change that will save soil and moisture while reducing your time and expense.

Conservation tillage consists of several different types and methods. Chiseling or heavy disking, 6 inch to 8 inch depth, leaving much of the crop residue from previous crop on the surface with the remaining residue mixed throughout the top soil.

No-till planters and drills plant the seed in previous residues. A herbicide is used to supress weeds and living residue from previous crop. Corn, soybeans, small grains, grasses and legumes are successfully planted and seeded by this method.

Residues are an essential part of a successful conservation tillage system. Straw, corn stalks, cover crop or other materials are needed to keep a supply of organic matter in the top layer of soil to improve soil permeability and retain soil moisture. A soil test should be taken of the top 2 to 3 inches of soil to insure proper balance of plant food.

Plan now for next years cropping system. Rye as a cover crop should be broadcast into standing corn by a helicopter or a blower type of seeder or drilled into stuble after silage has been removed. In small grain straw should be shred and scattered evenly on the surface. Corn stalks should be left on the surface or worked into the soil very shallow over winter.

A proper herbicide need be selected in the spring to provide adequate weed control. All tillage operations should be on or nearly on the contour as practical. This slows surface runoff and allows soil to take in more water thus conserving moisture.

There is a good selection of heavy disks, chisel plows, no-till planters for corn and soybeans, no-till drills for grasses and legumes and small grains - oats, wheat and barley on the market.

Conservation tillage is not necessarily easy or foolproof but neither are the consequences of failing to adopt and adapt some form of it. Further information can be obtained from the Soil Conservation Service office in the Berks County Agricultural Center in Bern Township.

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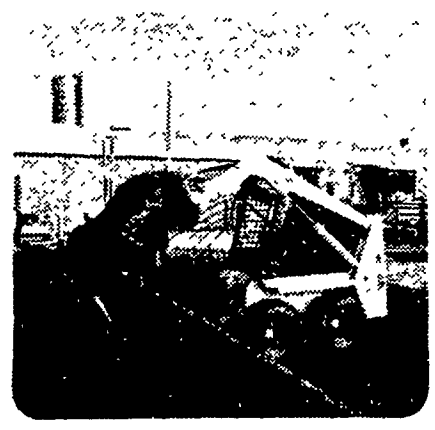
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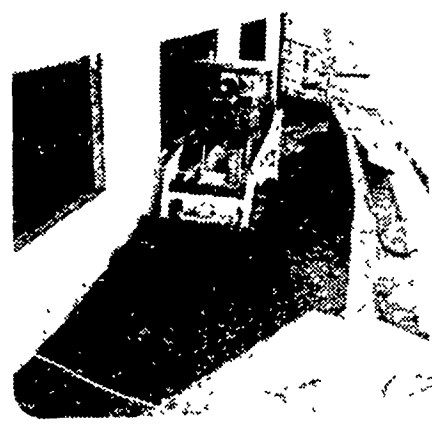
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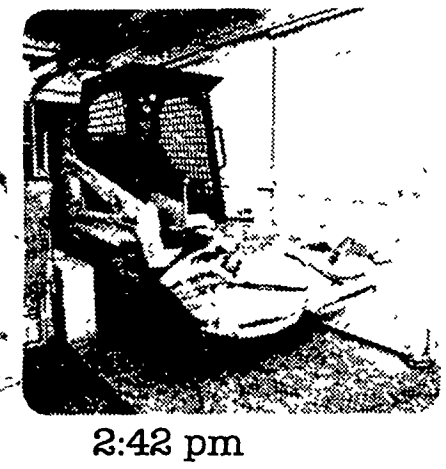
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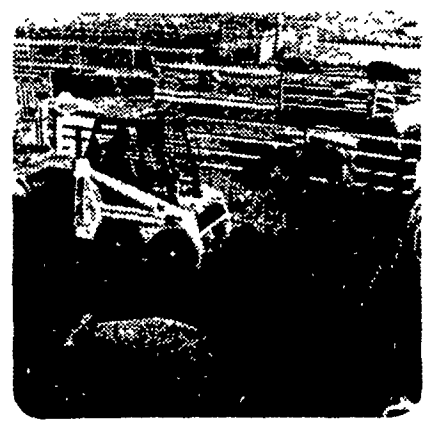
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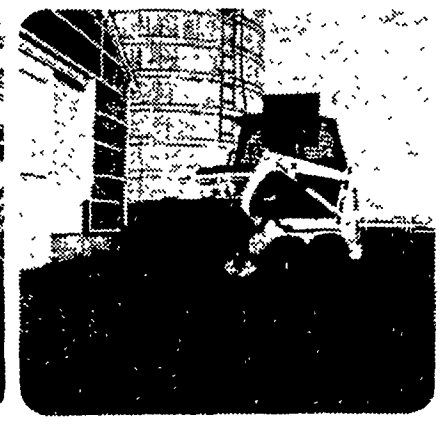
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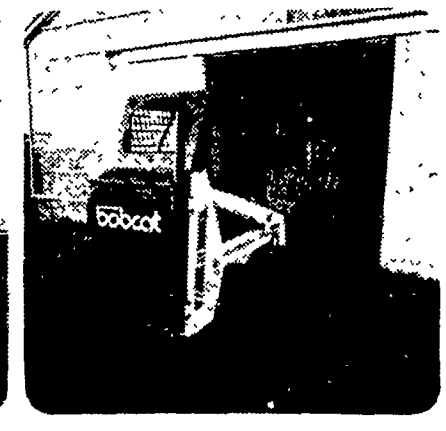

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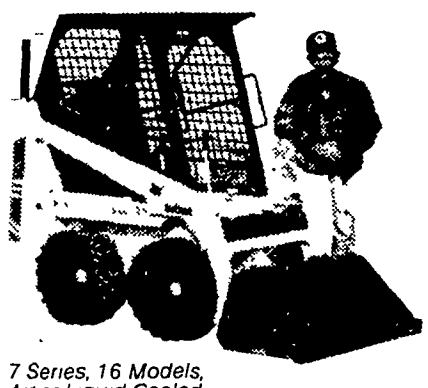
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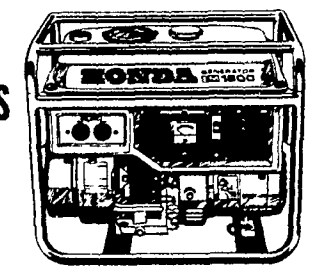

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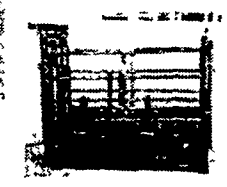

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USDA releases new guidelines for home canning

PHILADELPHIA — Home canning of tomato sauces and other foods mixing low-acid and high-acid ingredients is now safer, thanks to guidelines developed by the U.S. Department of Agriculture.

The new guidelines divide combination foods into low-acid and high-acid categories. Some combinations vary greatly in acidity, depending on the recipe, and may fall into either category.

Chilies, soups, Italian red clam sauces, and tomato-based mixtures containing celery, beans, or zucchini are low-acid foods requiring pressure canning, said Gerald M. Sapers of the USDA Eastern Regional Research Center (ERRC) in Philadelphia.

Stewed tomatoes, non-ethnic sauces, meatless Italian spaghetti and marinara sauces, barbecue sauces, mincemeats, stewed tomatoes, and tomato purees and pastes are high-acid combination foods that may be safely processed by a boiling water bath.

Creole sauces, Mexican tomato-pepper sauces, Italian spaghetti sauces containing meat, Spanish tomato sauces, tomato-mushroom sauces, tomato-okra combinations and mushroom ketchup may be high-acid or low-acid products, depending on the recipe. These foods should be pressure canned unless a specific recipe has been tested by a home-canning specialist and found to give a high-acid product. A boiling water bath then can be used, the Agricultural Research Service scientist said.

"Open-kettle" canning—boiling food in an open kettle and then packing and sealing it in canning jars — is not recommended for any home-canned product, Sapers added.

Recommending procedures for the safe home canning of combination foods has always been difficult, explained Anita M. DiVito of ERRC's Plant Science Laboratory. Whether such products are "high acid" or "low acid" depends on the kinds of ingredients used and on their proportions. Both of these factors vary greatly in published recipes for home-canned combination products.

A USDA study several years ago showed that many of the 15 million Americans who home can combination foods could be following potentially hazardous recipes and procedures. Sapers, DiVito and ARS consulting statistician John G. Phillips set about evaluating these recipes and procedures in light of each combination food's acidity.

The three scientists compared ingredient proportions and processing instructions for more than 400 combination-food recipes from 80 cookbooks and home canning publications. They developed methods for predicting the acidity of many categories of products.

"We noted many inconsistencies in the home canning literature," said Sapers. "Similar recipes for a relatively high-acid tomato/vegetable juice blend sometimes called for pressure canning, water bath canning, or even the hazardous open kettle method."

As an added safety margin, the three ARS scientists advise home canners to add 1 to 2 tablespoons of vinegar, citric acid, or lemon juice to each pint of their high-acid products. Adding lemon juice, citric acid, or vinegar to low-acid foods so they can be processed in a boiling water bath is not recommended, they warned. Such practices lead to a greatly increased risk of botulism food poisoning.

Sapers, DiVito, and Phillips also caution consumers against several other unsafe practices. Home canners should not use recipes in which the proportions of low-and high-acid ingredients is left up to the home canner. Moreover, home canners should not use low-acid tomato varieties like Ace 55 VF in combinations unless using pressure canning. Over-ripe or decayed tomatoes can also be low-acid and cause problems with combination foods. Use only firm, ripe, red, defect-free tomatoes in canning.

Consumers with questions about specific combination-food recipes and canning procedures should contact their local Extension agents.

A copy of the new guidelines for home canning combination foods may be obtained from Andrew Walker, NE Regional Information Office, B-003 Room 250, Agricultural Research Service, BARC-West, Beltsville, Maryland 20705.

U.S. Sugar import fee stays at zero

WASHINGTON, D.C. — The import fee for raw sugar will remain at zero cents per pound during the July-September quarter, according to a June 24 statement by Secretary of Agriculture John R. Block. The fee has been at that level since last Oct. 1.

The U.S. Department of Agriculture is required to make a quarterly determination of sugar import fees under a presidential proclamation issued in May 1982. The key factor in the fee determination is the domestic sugar spot price, as required by the Coffee, Sugar and Cocoa Exchange in New York, during a base period of 20 market days.

The base period for the coming quarter was May 20-June 17, inclusive, and the average price was 22.641 cents per pound. Since this was slightly higher than the market stabilization price of 20.73 established under the sugar support program, the import fee is zero. If the average price was below the stabilization price, the fee would be the difference, adjusted for the customs duty.

Block said U.S. sugar prices have been relatively stable for about a year and that this market stability was the result of the border control measures instituted by the president in May 1982.

"World sugar prices have strengthened somewhat in recent weeks," Block said, "but are still at uneconomically low levels, reflecting a continuing world oversupply situation."

The fee for refined sugar, which under the proclamation is set at one cent above the raw sugar fee, also is unchanged.

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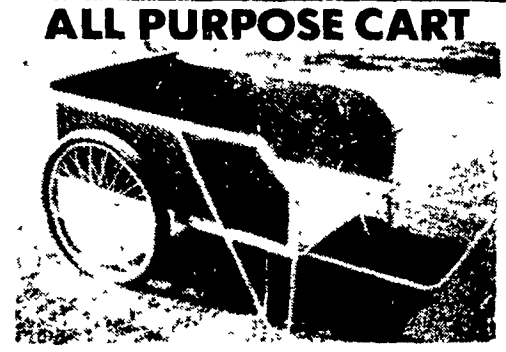

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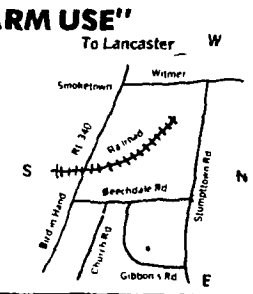

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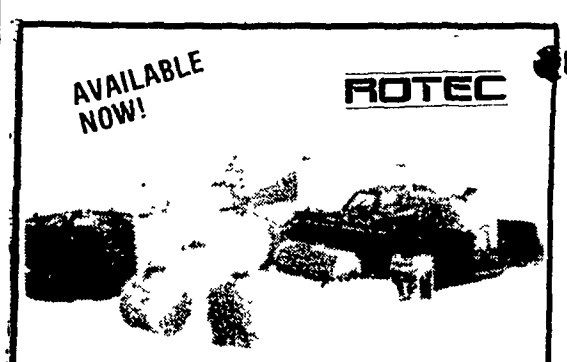

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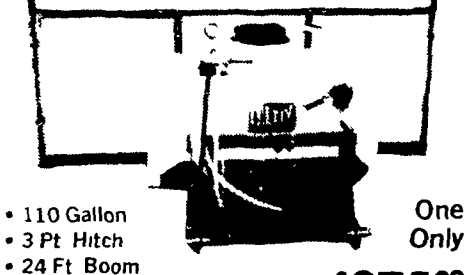

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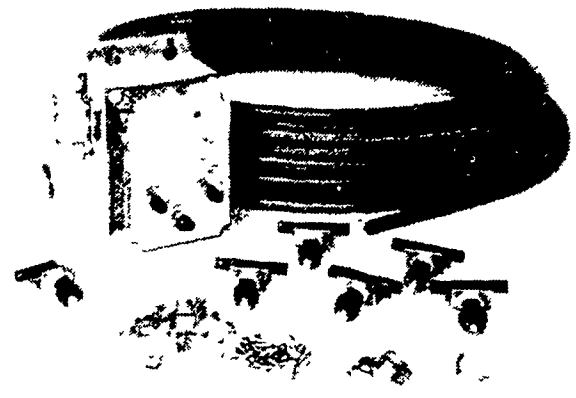

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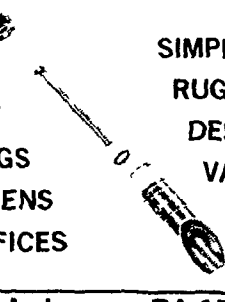

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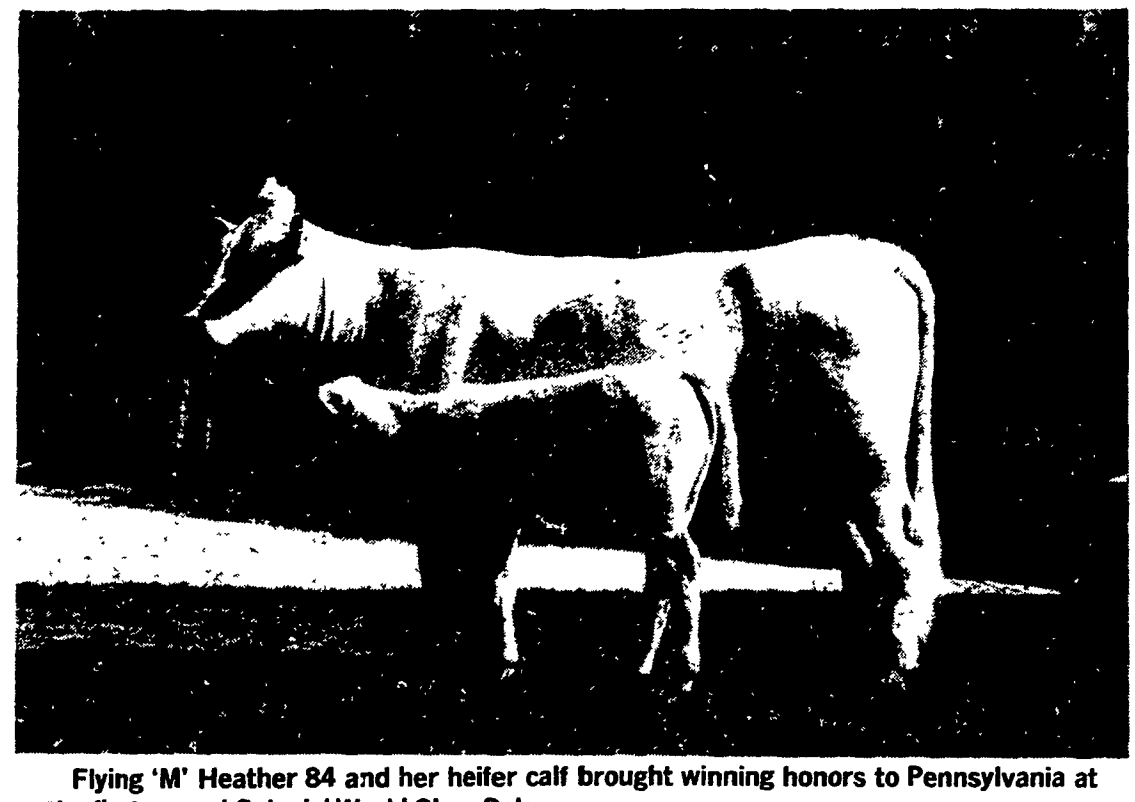
Pa. dam and daughter bring top bid

HARTVILLE, OHIO — A Charolais dam and daughter from Morris topped the Colonial World Class Sale Sunday at Stone Del Farm, with buyers from 25 states, Canada and Switzerland in attendance.

Flying 'M' Heather 84 with an outstanding Sir Stone Del King 039 heifer calf at her side, owned by Roger and Mary Mitschele, Flying "M" Ranch, brought a bid of $7,200.

Flying 'M' Heather 84 was purchased by Jack Ely, Grassy Forks Farm, North Carolina.



Flying 'M' Heather 84 and her heifer calf brought winning honors to Pennsylvania at the first annual Colonial World Class Sale.

MILK MARKET NEWS

May Milk Collects $12.64

NEW YORK — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during May will be paid on the basis of a uniform price of $12.64 per hundredweight (27.2 cents per quart) according to a June 14 report by Market Administrator Thomas A. Wilson. The price was $12.85 in April 1983 and $12.61 in May 1982. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund removed $.40 per hundredweight from the dairy farmers' uniform price for May, a total of $4,298,503.12. Deductions will continue through June and will be returned in the August through November uniform price calculations.

A total of 17,506 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 1,074,625,781 pounds of milk during May 1983. This was an increase of 3.5 percent (about 36 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $138,500,918.87. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 369,931,452 pounds of milk for Class I, 34.4 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test and skim milks. For May 1983, handlers paid $14.78 per hundredweight (31.8 cents per quart) for Class I milk compared with $14.70 a year ago.

The balance, 65.6 percent, was used to manufacture Class II products including butter, cheese, ice cream and yogurt. Handlers paid $12.39 for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For May 1983, a differential of 16.9 cents was applied to the price for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City.

Lebanon 4-H team win Capitol Horse Show

YORK — The Capital Region District Horse Show was held Saturday, June 25 at Charles Akins Circle A Farm in north York. The Lebanon County 4-H Team was 1st place with 1150 points, the team members were: Megan Burrichter, Lesley Hummer and Margo Leroy. The second place team was York county with 1140 points. The team members were: Lynette Brown, Wendy Miller and Kelly Troup. The Lancaster County team was third with 1116 points. Team members were: Alida Farrington, Valerie High, Brooke Sweigart.

Senior High Scores were as follows:

Halter Classes

Kelly Troup, R2 Manchester; Margo Leroy, Lebanon County; Alida Farrington, Lancaster County.

Oral Reasons

Margo Leroy, Lebanon County; Kelly Troup, York County; Megan Burrichter, Lebanon County.

Performance Judging

Margo Leroy, Lebanon County; Megan Burrichter, Lebanon County; Lisa Helder, York County.

Total Judging Over All

Margo Leroy, Lebanon County; Kelly Troup, York County; Alida Farrington, Lancaster County.

Junior Judging Scores were as follows:

Performance Judging

Mikki Arndt, York County; Kendra Miller, York County; Denise Wilson, York County.

Halter Judging

Sallie Gregory, Lancaster County; Denise Wilson, York County; Mikki Arndt, York County.

Over All Total Judging

Sallie Gregory, Lancaster County; Denise Wilson, York County; Mikki Arndt, York County.

The trophies and ribbons were awarded by the District Horse Show Committee.

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Narrower rows may be key to higher wheat yields

BY DICK ANGLESTEIN

LANDISVILLE — Planting in narrower rows may be the most obvious key to higher wheat yields, according to a wheat management study now in its third year under the auspices of the USDA and Penn State's Center for Cereal Research.

Findings from the first two years of the study were among information outlined at a recent Small Grains Field Day held at Penn State's Southeast Research Laboratory at Landisville.

Wheat yield increases averaged some 8.5 bushels an acre more in five-inch row plantings as compared to the normal seven-inch rows, according to Greg Roth, Penn State grad student involved in the study.

At 14 out of 15 planting locations in Lancaster and Centre County, higher wheat yields were achieved with the narrower rows, averaging nearly 15 percent more.

"There was less lodging with the five-inch rows and and no more serious disease problems," Roth explained.

The only catch to the narrower rows is that there is no drill that is made for five-inch rows. It was suggested that this is one area in which farmers may recommend equipment changes to manufacturers.

Row spacing was just one of four main variables that were included in the study. The others included varying nitrogen applications, seed depth and seeding rates.

Generally, it was found that there were no appreciable gains in yield beyond applications of 30 lbs. of N. In Lancaster County particularly, where heavy amounts of manure are spread on fields, higher applications of N were not beneficial. In fact, higher applications can decrease bushel weight and just feed certain diseases, such as Septoria.

Overall, the 150-lb. seeding rate per acre was adequate. Also, there was no significant difference in seeding depth variances from three-quarters to one and one-half inches. Uniform seed coverage is important.

Penn State pathologist J. A. Frank called this year "a good disease year but a bad grain-fill year."

Factors such as the mild fall that permitted too-early planting and the wet spring boosted the diseases in this year's small grains.

"There is a very high incidence of barley yellow dwarf virus," Frank said.

"And, we've actually seen some dwarfing this year."

Powdery mildew was actually on plants already last fall, he said, but it had to be viewed in the laboratory in order to be seen.

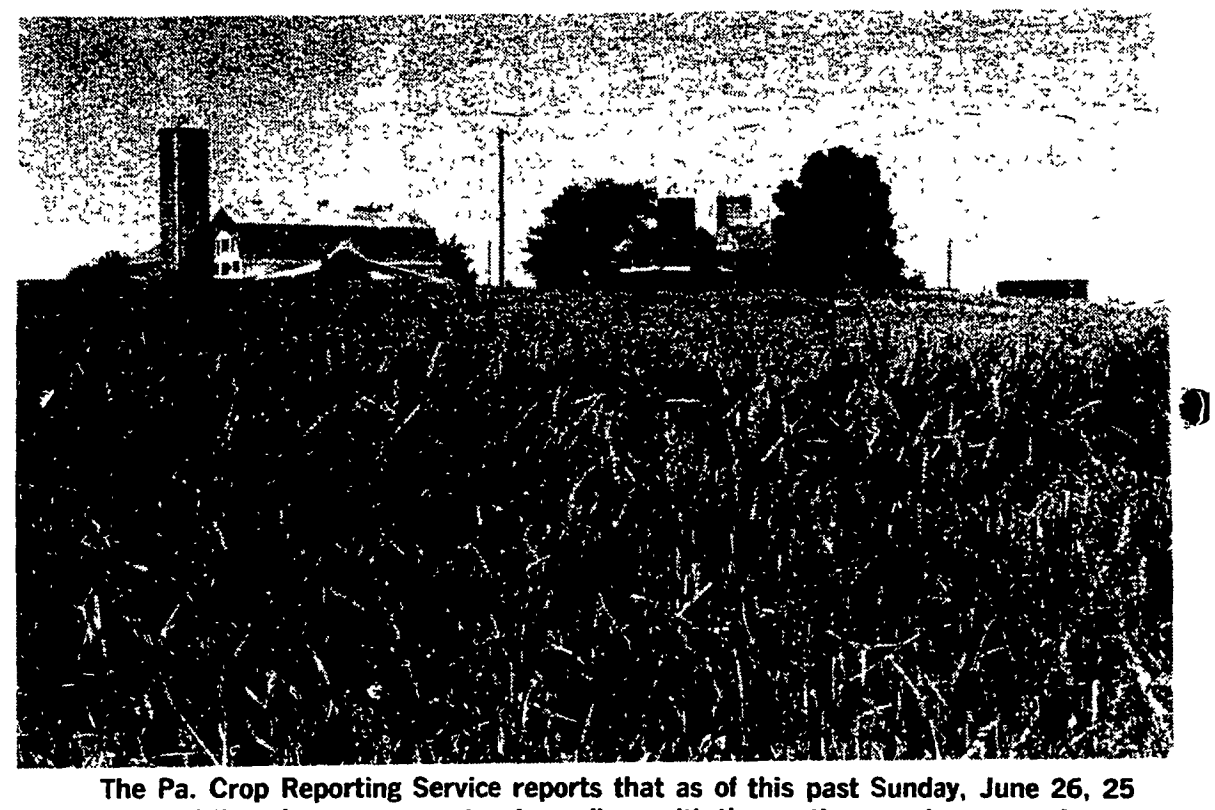
"The earlier plantings last fall actually put the plants under more disease stress," Frank said.

"We've seen better results from later plantings."

Septoria was described as bad this year; while rust was not as prevalent.

"We've looked at some barley and actually saw six different diseases on the same variety," Frank said.

Also speaking at the field day were H. G. Marshall, M. L. Risius and Elwood Hatley of the Penn State staff.



The Pa. Crop Reporting Service reports that as of this past Sunday, June 26, 25 percent of the wheat crop was turning yellow, with the southern regions reporting as high as 51 percent. Positive weather this week allowed these figures to increase, thus creating favorable harvesting conditions.

Statewide, 43 percent of the barley crop was turning yellow, 16 percent was ripe and 5 percent had been harvested, as of Sunday, June 26 - the Pa. Crop Reporting Service's latest update.

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AMI To Publish Environmental Integrity Manual

KENNETT SQUARE — Mushroom growers and those associated with the mushroom industry are identifying best management practices in order to prevent environmental problems.

Jack Kooker, executive director of the American Mushroom Institute (AMI) reported recently that a Task Force made up of mushroom industry and government regulatory agencies is working as a team to develop a single source of information, a manual, to guide mushroom agriculture in this most important area.

The mushroom industry has long been concerned about environmental integrity and has devoted considerable time discussing and enumerating practices which should be included in this manual.

"Much of the material will be based on work already completed by the Environmental Concerns Committee of the American Mushroom Institute," said Kooker, "and now Penn State University has been retained as consultant to proceed, working with the Task Force, to write this important model for the industry to follow."

This worthy project though initiated in Chester County and will be an example to be followed by mushroom growers wherever located.

AMI will be providing industry cooperation for the Task Force and distribution of this information to the entire industry. "Our major effort, however, will be to encourage our growers to adopt these 'Best Management Practices.' Our contribution to a clean environment," said Kooker.

Stillwagen wins sound off for Agriculture award

SCHECKSVILLE — Frederic H. Stillwagen, vocational agriculture teacher in the Lehigh County Vo-Tech school at Schnecksville, has been informed by Sam Stenzel, Executive Director of the National Vocational Agriculture Teachers' Association (NVATA), that he has been named the state winner of the NVATA Sound Off For Agriculture Award for 1983.

The award program is sponsored by Elanco Products, Indianapolis, IN. Stillwagen will receive a certificate of recognition and a $25.00 cash award. His state winner application will automatically be considered for the regional award. The regional winner will receive an expense paid trip to the NVATA National Convention in Anaheim, CA, December 2-6, 1983.

The award recognizes vocational agriculture teachers who promote agriculture to the non-farm community via public relations activities and publicity throughout the year, plus activities conducted in conjunction with American Agriculture Day. "Agriculture Day" recognizes a need for dissemination of facts about agriculture among consumers. It provides an opportunity to tell how ranchers, farmers, and growers contribute to America's strength and well-being. "Agriculture Day" has become a national event.

The NVATA is a national professional organization serving more than 9,000 vocational educators in agriculture throughout the United States. Members include elementary, secondary, postsecondary and adult teachers, state supervisors of agricultural education, teacher educators at colleges/universities, and college students majoring in agricultural education.

The "Sound Off For Agriculture" award applications of state winners will be evaluated by special NVATA Selection Committees.

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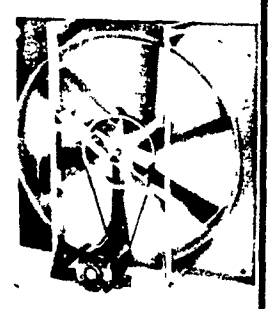

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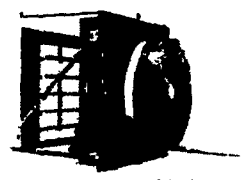

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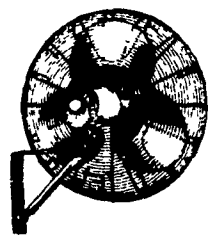

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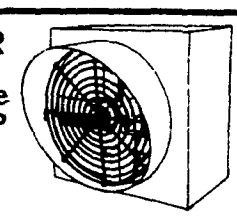

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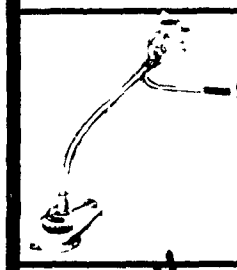

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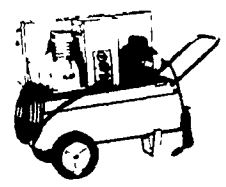

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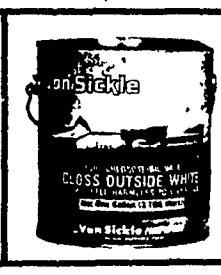

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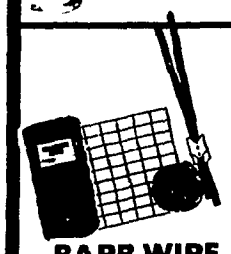

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39	6	12½	92.95	77.88
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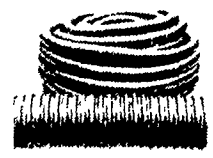

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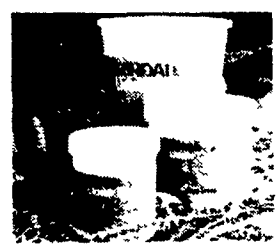

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DAIRY FEEDING TIPS

ASR

Forage Feeding Facts

Dairy cows are unique animals that can consume forages, inedible by man, and turn them into a high quality, delicious source of nutrients — milk.

But today's dairy farmers don't just turn cows out to pasture and hope they eat enough grass to meet their needs. Dairymen have discovered ways to increase the productivity of their herds by chopping forages into bite-sized bits and then fermenting them in silos. This process of ensiling makes for high quality feeds which are easy to handle.

But successful feeding of chopped, fermented forages is not as easy as it sounds, says Dr. Howard J. Larsen, dairy scientist at the University of Wisconsin-Marshfield.

• "Dairymen must follow complete inventory control in terms of the quality and quantity of the ensiled feedstuffs," Larsen continues. "For best results, dairymen must strive for consistency in quality throughout the silo."

This consistency is often difficult to achieve, however, because of variable weather and field conditions. For this reason, Larsen emphasizes the need for an ongoing nutrient testing program, with special attention paid to protein content of the ration.

Fiber content is also a concern, especially when forages are chopped finely for good fermentation. These relatively low fiber feeds pass through the digestive system rapidly, Larsen says. As a result, the animal spends less time chewing her cud, producing less saliva.

Saliva contains sodium bicarbonate which neutralizes rumen acids. So, when chewing time is reduced, excess acids can accumulate and reduce milk and butterfat production.

"This reduced salivation probably occurs several times a year, and we never can be sure when it will happen," Larsen says. That's why he recommends sodium bicarbonate as a routine addition to ensiled rations which contain no dry ingredients.

"If you can guarantee that, day after day, the herd is receiving optimum fiber and forage length, sodium bicarbonate may not be necessary," he explains. "But when there is variation, sodium bicarb is a good insurance policy to maintain proper rumen pH and digestion with ensiled feeds."

Larsen recommends that sodium bicarbonate be mixed in the ration so that each cow receives four to six ounces per day.

Block calls ag summit July 12-13

WASHINGTON, D.C. — Vice President George Bush and Secretary of State George Shultz are among administation officials scheduled to address a July 12-13 agricultural summit meeting in Washington, Secretary of Agriculture John. R. Block has announced.

Block said he initiated the summit meeting to give agricultural leaders and representatives of related businesses and opportunity to take a comprehensive look at current issues common to everyone involved in the food and fiber system.

"With recovery underway, agriculture will be entering a new era," Block said. "It's important that we take a collective look at the issues so that we are better prepared to give direction to our industry as it enters that era."

Block said the summit will open the doors for participants to discuss today's most significant agricultural questions with USDA's top staff, government leaders, fellow executives in agriculture and selected officers from industry, labor and consumer organizations.

"Our objective is to begin discussions about the problems and challenges we will face in the years ahead," he said. "All of our questions will not be answered during this summit, but it will represent the beginning of a dialogue in which these leaders can share their diversified concerns and constructive thoughts."

Herbert L. Stein, senior fellow at the American Enterprise Institute, Washington, D.C., is also scheduled to address the summit.

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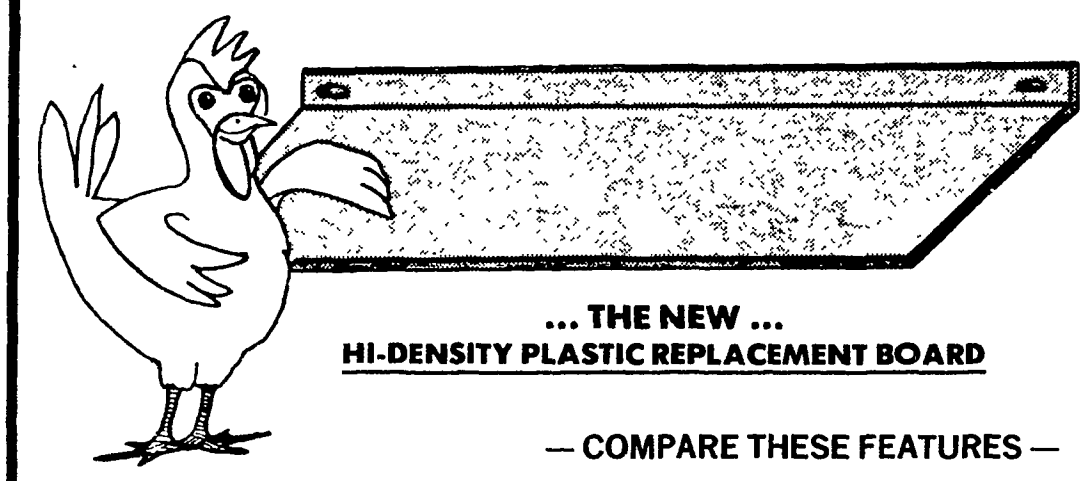

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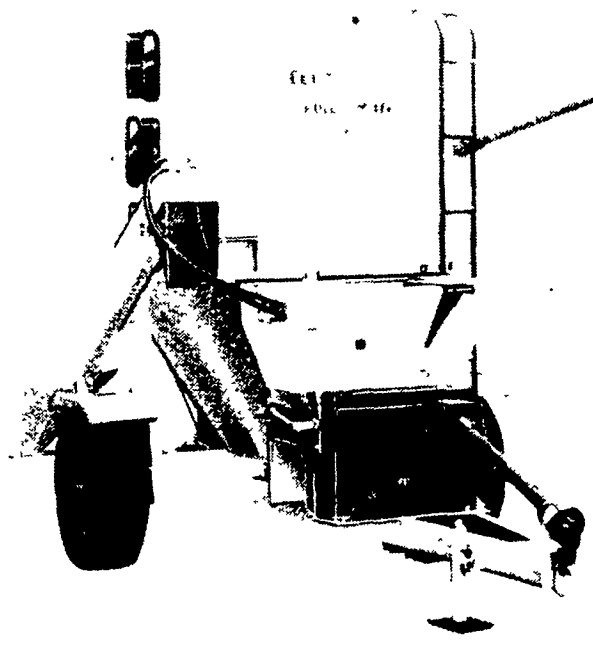

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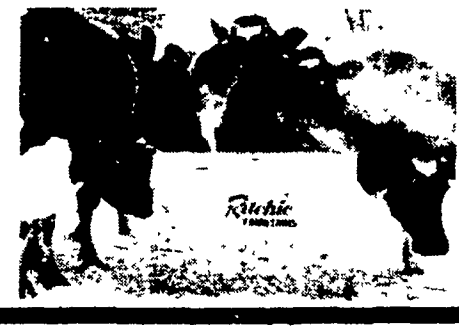

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Field Day To Celebrate U. of D. 150th Anniversary

NEWARK, Del. — Visitors to this year's University of Delaware Farm and Home Field Day, August 10, at the substation farm near Georgetown, will be able to watch craft demonstrations and learn how to care for old quilts. In celebration of the university's 150th anniversary, the consumer program is being planned around the theme, Country Culture, and will feature crafts practiced in 19th century Delaware.

From 10 to 11:30 a.m., Newark quilter Madge Zeigler will give a presentation on the care and repair of old quilts. Visitors are encouraged to bring old quilts for pattern identification and care advice. Plans are being made to accompany this talk with an exhibit of antique quilts.

In the afternoon, from 1:30 to 3 p.m., there will be a series of mini-demonstrations on quilting, stenciling, basketmaking and the making of "tussi mussies" (forerunners of the nosegay).

Farm and Home Field Day will begin at 9 a.m. and end at 8 p.m. Besides the craft programs, there will be farm tours, exhibits and demonstrations on a wide range of topics of interest to both farmers and consumers.

Orville Bentley, assistant secretary, U.S. Department of Agriculture, will be featured speaker during the brief program which follows the traditional fried chicken meal in the farm grove at noon. There will also be the usual afternoon watermelon break.

For the first time, the event is being extended into the evening to accomodate individuals unable to attend during the day. This part of the program will start with a "pig pickin'" (whole roast pork supper) at 5 p.m. Afterward there will be two consumer presentations—one on handling stress on the farm, the other on protecting valuables. There will also be special vegetable and field crop tours for producers.

Pa. Brucellosis free

(Continued from Page A1)

Agriculture after remaining free of the disease for 12 months.

"This designation will benefit our farmers and help stimulate economic development by allowing more freedom of movement of livestock to other states and foreign countries," Hallowell said.

"Continual improvement in breeding, management and production has made Pennsylvania a national leader in the export of superior dairy breeding stock," he said. "A Brucellosis-Free state designation can only help to increase demand for our livestock.

"Our beef and dairy industries deserve recognition for their continual efforts to eradicate brucellosis, a disease that can be devastating to the individual farmer," Hallowell said. "They must also be commended for their support of the Department's eradication programs conducted by the Bureau of Animal Industry."

He added, "Now that we have eliminated the diesease in Pennsylvania, we cannot afford to relax our vigilance. We must maintain our brucellosis surveillance programs to keep the disease from reappearing."

To qualify for "free" status under the new rating system — in effect since May 1962 — a state can have no known cattle brucellosis for at least one year. The only exception concerns cattle shipped in from other states.

Infection found in cattle entering from other states does not count against a state's status if it is quickly detected and eliminated. Otherwise, reintroduced infection can mean loss of "free" status for the entire state — not just the county of the receiving herd.

"The requirement of going one year with no known infection is new, as is the rating of entire states rather than counties," said Johnson. "A free rating means cattle do not have to be tested to move out of state.

Others rated "class free" in the brucellosis program include Alaska, Connecticut, Delaware, Hawaii, Maine, Maryland, Michigan, New Hampshire, New York, North Dakota, Rhode Island, Utah, Vermont and the Virgin Islands.

South Carolina, earlier rated "class free," has reverted to Class A status because of the discovery of infection there, Johnson said.

"The effort to combat brucellosis is a cooperative state-federal undertaking," Johnson said. "The infection rate in cattle tested at markets continues to come down, nationally. In the first six months of last fiscal year, that rate was 0.40 percent. This year, it was 0.36 percent."

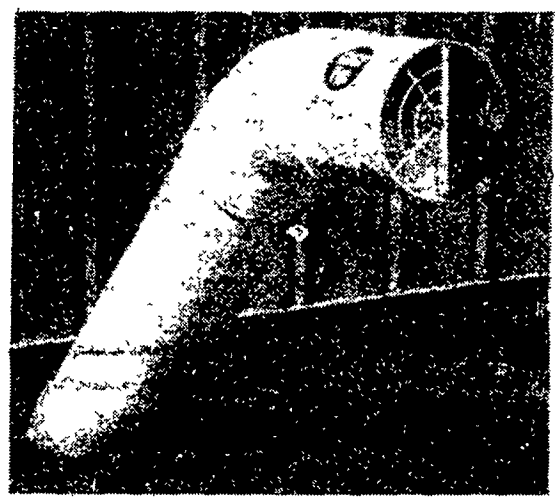
Burcellosis is a bacterial disease of cattle and other animals that causes abortion, stillbirths and sterility. For herd owners, it can mean lost profits from reduced calf crops or lower milk production.

Human brucellosis, also known as undulant fever, is an occupational risk for slaughter plant workers and others who contact infected animals or their freshly killed carcasses. It poses no risk to those who eat meat or drink pasteurized milk.

"Pennsylvania has reached the ultimate goal of becoming free of this wasteful disease in its cattle herds."

-Dr. Billy G. Johnson

Remove Your Manure Pit Gases With The New PUMP OUT PIT FAN



Manure storage pits have been constructed without providing for ventilation of the pit, particularly in buildings constructed several years ago when pit storage was first popular.

A non-ventilated pit results in a build-up of harmful, caustic gases, such as carbon dioxide, hydrogen sulfide, methane, ammonia and mercaptans.

Hydrogen sulfide and carbon dioxide are heavier than air and, as the level of pit waste rises closer to the slats, the gases are forced closer to the animals.

Results of inhaling these gases may be deep, fast breathing from CO_2. Hydrogen sulfide is one of the most toxic gases to animals and humans associated with liquid manure storage. This gas can cause severe irritation to the eyes and respiratory system and sometimes can result in death.

It is often difficult to make provisions for ventilating manure storage pits, but AAA Associates Inc. now offers a simple, sensible and inexpensive means of ventilating pits.

Virtually all liquid manure storage pits are equipped with pump out ports. For pump outs that do not extend into the manure, Pump Out Pit Fans can be adapted to the pump out ports.

The pit fans are housed in foot long 8" or 10" diameter PVC Pipe and can easily be adapted to existing pump out ports. The fans contain small, but powerful, highly efficient motors mounted on long lasting aluminum motor mounts. The propellers are airfoil design, cast-aluminum. All units are equipped with a vinyl-coated guard complete with plastic butterfly damper. All hardware and springs are stainless steel.

PVC pipe extensions and 45° elbows are available as accessory items. For six inch pump out ports, a reducer (8" to 6") may be used with fan model POPF-8 to provide ventilation through six inch pipe.

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				0	.05	.10	.125	.15	.20	.25	.30	.35	.40	.45	.50
8"	POPF-8	1/15	3400	585	570	545	535	520	485	315	275	250	230	210	190
10"	POPF-10	1/6	3400	1155	1140	1120	1105	1095	1060	1045	1010	980	935	870	740

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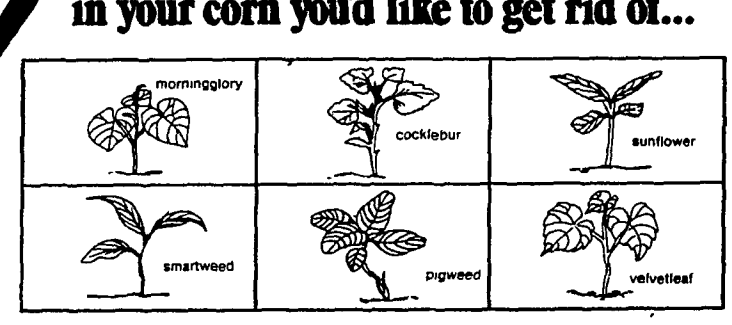

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Block featured at corn expo

SPRINGFIELD, Il. — U.S. Secretary of Agriculture John Block is one of a number of prominent speakers to highlight the program at the 25th annual convention and expo of the National Corn Growers Association (NCGA) in Springfield, Il. July 17, 18, 19 and 20.

Thousands of corn growers and their families are expected to join with up to 200 exhibitors for the largest agricultural convention in the heart of the Corn Belt this year.

Block intends to mingle with NCGA delegates at an informal get-acquainted dinner on July 17, and will be featured speaker at a noon luncheon on July 19.

Current economic pressures require corn growers to utilize the latest technology and products to maintain an efficient an profitable operation. The Corn Grower's expo has been organized to provide farmers with a major trade show. Exhibitors will include chemical companies, computer firms, equipment manufacturers, seed corn companies and a variety of marketing firms and others providing services and products to the American corn grower.

CORN GROWER EXPO exhibit hours will be 7 a.m. to 5 p.m. on July 18 and 19 at the Prairie Capital Convention Center. The Center will also be the location for afternoon seminar programs as well as the buffet breakfasts and general luncheons.

The convention general sessions will be located at the Springfield Hilton Hotel directly across from the Convention Center. General sessions will feature presentations on national issues of vital concern to the American farmer. Other confirmed speakers include Senator Robert Dole (R), Kan: Senator Alan Dixon (D), Ill; Senator David Pryor (D), Ark.; Howard Watters, deputy secretary U.S. Maritime Administration; and Darwin E. Stolte, president, U.S. Feed Grains Council. Members of the Reagan Administration and other political leaders have also been invited to address the corn growers.

Not all of the convention program will be given over to examining the serious challenges in agriculture. There will be several opportunities for corn growers to get acquainted with growers and their families from all over the United States.

Sunday afternoon, shuttle buses will be available to transport early birds from Springfield to Lincoln's New Salem Village, about 20 miles away. Here young Abe tried his hand as a shopkeeper and started on his path toward becoming a lawyer and eventually to the presidency.

That night: "The Good Ole Summertime" is theme for a get-acquainted buffet dinner and entertainment by the Springfield Municipal Band and one of the best Lincoln look-alikes.

Monday evening, Governor James Thompson of Illinois has given the NCGA permission to use the mansion grounds for a hoedown, featuring the best butterfly pork chops Illinois pork producers can furnish, followed by dancing to a top country band.

Any corn producer or individual interested in corn production is encouraged to attend what offers to be the most exciting and largest convention focusing on corn production in the Midwest. Questions about the convention may be addressed to the NCGA Convention Office, 801 Park Street, Des Moines, Iowa 50309.

USDA accepts offers for cotton

WASHINGTON — The U.S. Department of Agriculture will acquire about 400,000 bales of upland cotton to help satisfy payment-in-kind needs for farmers who did not plant cotton in 1983 or who have insufficient 1983 production to meet their PIK requirements, according to a June 24 USDA report.

According to Secretary of Agriculture John R. Block, USDA invited farmers with 1982-crop upland cotton under Commodity Credit Corporation loan to submit bids to forfeit their cotton. A 7 percent limit was placed on the amount of in-kind compensation for the bids, which closed on June 16. USDA accepted all bids of 7 percent or less, he said.

CCC initiated the bid program because it had too little cotton in inventory to fill PIK requirements for producers requesting cotton, Block said. PIK payment cotton will total about 4.1 million bales (480-pound bales of entitlement quality), of which 2.1 million bales are needed for producers who can not satisfy PIK payments with their own 1980, 1981 or 1982 loans.

CCC inventory, including the 400,000 bales of cotton from bids, is expected to range from 1.2 to 1.4 million bales, Block said. CCC's total inventory available for PIK will depend on how many 1980 and 1981 loans producers forfeit between the end of June and August.

Because CCC stock levels likely will be well below the more than 2 million bales needed for producers without outstanding loans, USDA is proceeding with its option, announced June 17, to require producers to obtain loans on 1983 production for use as PIK.

Block said the harvest for PIK requirement is being applied uniformly in all states to all producers that do not have adequate 1980, 1981 or 1982 cotton currently under loan to satisfy their PIK needs. All producers who have requested cotton from CCC inventory and who have adequate 1983 production will receive their payment in kind by placing their 1983 production under loan.

Electronic food stamps come to Pa.

WASHINGTON, D.C. — The U.S. Department of Agriculture on June 23 announced the award of a $2.2 million contract to a McLean, Va., company to test a system in Reading, Pa., that eliminates paper food stamps.

Planning Research Corporation of McLean, Va., will use electronic technology to debit the amount of food stamp purchases in food stores.

"We're testing this system as a method to remove the opportunities for fraud presented by the paper coupon," Assistant Secretary of Agriculture Mary C. Jarratt said. "Once the negotiable documents are removed from the program, the possibility for illegal trafficking, mail fraud and lost and stolen coupons is eliminated."

The demonstration project is scheduled to run for 18 months following a pre-test period, Jarrat said.

Under the system, each food stamp household will get a magnetic card that has the recipient's picture, account number and biographical information laminated on it, Jarratt said. The household will also get a personal identification number that must be used with the card at the grocery store to verify use of the card.

At the grocery checkout station, checkers will insert the food stamp identification card into a computer terminal and recipients will enter their personal ID number into an accompanying keyboard to activate use of the card. If the card and the personal identification number match, recipients' accounts will be automatically debited by the amount of the food purchases and the grocers' accounts at a designated bank will be credited with the same amount.

Various issuance systems are presently used in the food stamp program, each resulting in the issuance of paper coupons, Jarratt said. Most food stamp coupons are distributed through the mail, either directly or through authorization to participate cards that are mailed to participants, Jarratt said.

Recipients present the authorization card along with a program issued identification card to a food stamp issuance agent and receive their coupons. These systems often result in mail fraud, theft, lost and stolen authorization cards and coupons.

DDA offers wick bars for Johnsongrass fight

The Delaware Department of Agriculture has purchased two wick bars to assist farmers in their annual fight against Johnsongrass.

The wick bars are 10 feet in lenght and are available free of charge by contacting the Department of Agriculture's Noxious Weed Specialist.

Terry Van Horn says the expense of the herbicide is left up to the landowners, and he reminds them that Johnsongrass is illegal in Delaware. "The fines for having Johnsongrass on your property can reach up to $300," says Van Horn. "But we'd rather help a farmer get rid of the problem in his field than fine him for it. By offering these wick bars, farmers can treat their fields for just the cost of the herbicide."

A wick bar is a pipe that can be mounted on just about any farm vehicle. A herbicide is put inside the pipe, and a wick applies the chemical to the weed.

Van Horn says Johnsongrass should be treated when it reaches the boot stage, or when it's 36 inches or higher.

For more information on borrowing the wick bar, contact Van Horn at the Delaware Department of Agriculture at (302) 736-4811, or (800) 282-8685.

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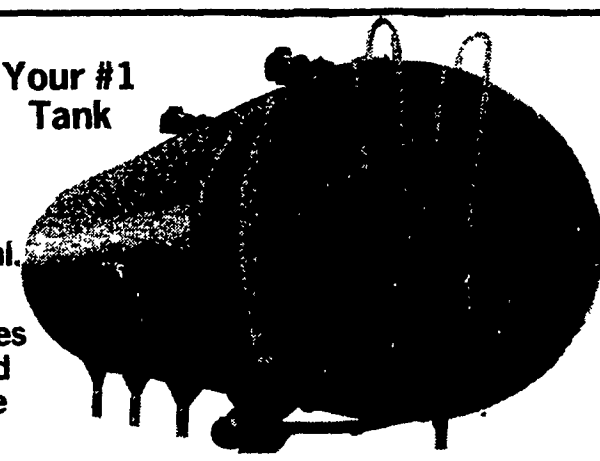

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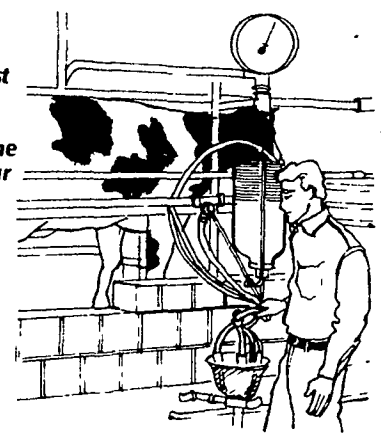

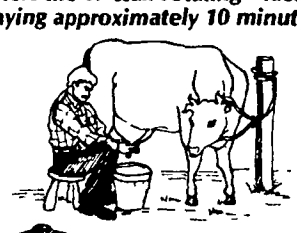

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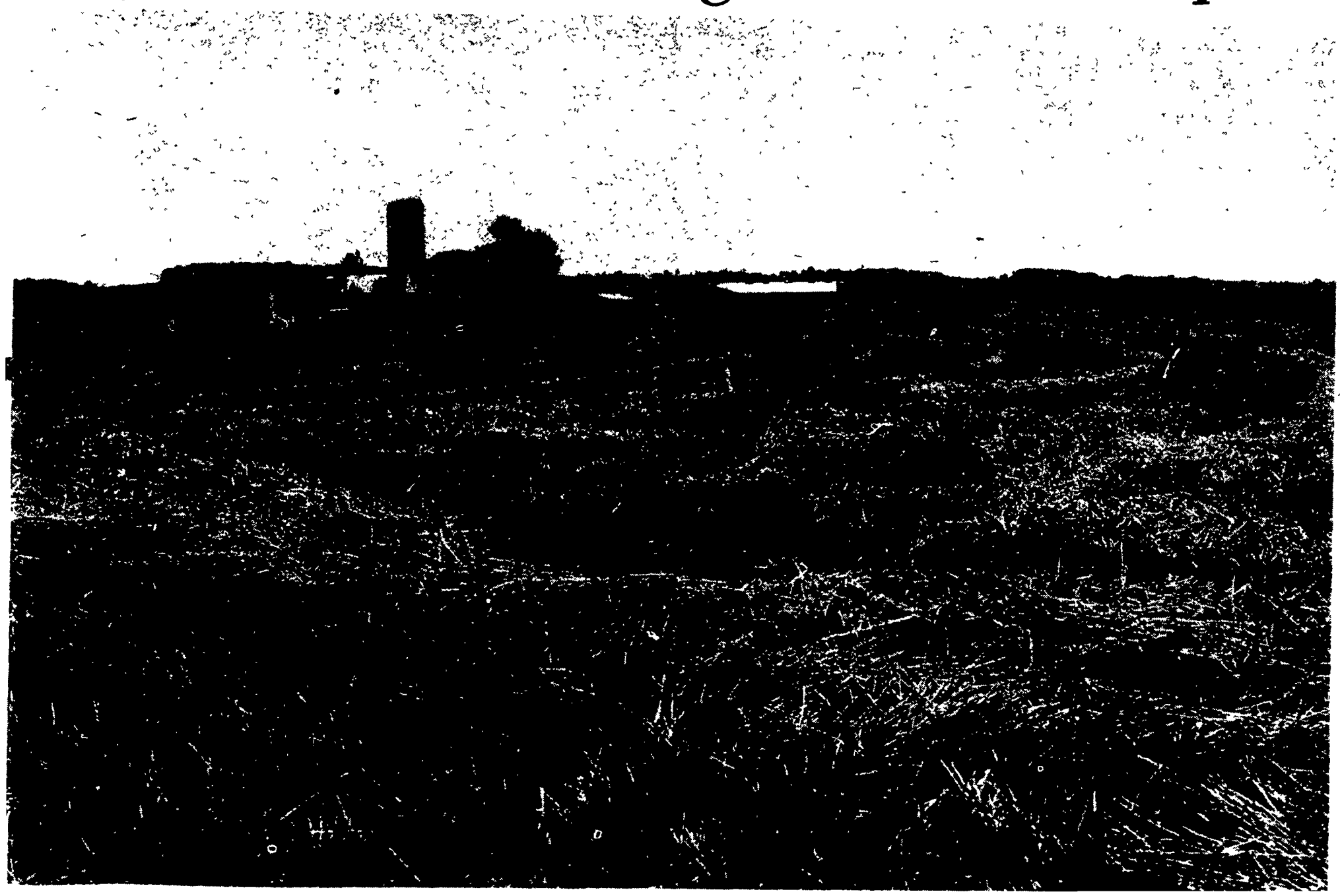


dhia
Pennsylvania Dairy Herd Improvement Association

Blair County DHIA Monthly Report

May 1983

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
James Smith	37.7	94.2	20,515		732
Marcove Farm	68.1	84.3	19,070		725
Thomas W. Kelly	65.0	87.5	19,437		724
Gerald Burket	98.2	85.6	20,779		707
Clover Will Farms	142.4	89.1	19,560		707
Penn-England	86.6	86.0	18,022		706
Charles & Mike Hoover	95.3	88.0	19,411		704
G.W. & R.G. Baker	72.1	90.1	19,032		703
Dale W. Hoover	36.0	87.7	18,406		688
Dawn Baker	105.8	86.5	18,386		685
William R. England	154.4	89.2	18,652		682
Dennis A. Smith	47.5	89.1	18,652		681
Blackcrest Farms	68.6	88.2	18,176		681
Richard R. Fox & Sons	42.5	84.2	17,780		679
Over Lane Farms	65.0	87.9	17,853		678
Raymond Diebold	34.9	89.2	19,155		678
Lar Ann Farm	113.4	85.3	18,382		676
Burket Falls Farm	84.0	90.9	17,785		671
W. Dean Stern	68.7	90.9	18,694		671
Richard Heltzel	38.4	87.2	17,759		669
Smith Hollow Farms	101.6	85.8	18,324		669

HIGH COW

The high cow for the month is a grade Holstein in the Rodney Metzler herd. Cow #7 produced 26,710 pounds of milk and 1,018 pounds of butterfat in 305 days as a six year ago.

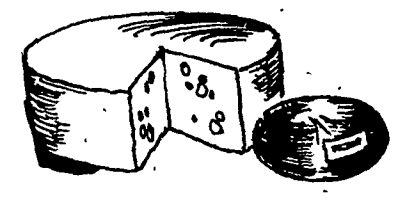
Individual cows records of 305 days or less over 750 pounds butterfat:

OWNER NAME OR NUMBER	BRD	AGE	LBS. MILK	% FAT	LBS. FAT
G.W. & R.G. Baker					
123	GH	9-2	26,035	3.4	888
180	GH	6-7	19,915	3.9	781
201	GH	5-7	19,964	3.8	764
204	GH	4-10	19,635	4.0	776
James Smith					
Ginger	GH	4-4	20,866	3.7	782
Mary Walters					
BBL0878	RH	5-11	20,592	3.7	772
Rich Lou Farms					
568	RH	2-1	23,067	3.3	761
Clover Will Farms					
86A	GH	4-10	22,472	3.5	783
828	RH	3-6	21,938	4.0	873
G. Wayne Smith					
Pet	GH	4-4	20,151	3.8	763
Oswald Bros.					
Litia 37	RH	10-3	20,825	4.0	831
Venus 62	RH	6-4	22,080	3.5	771
Marcove Farm					
Mitzi	RH	3-9	23,258	3.4	796
Burket Falls Farm					
669	RH	6-9	21,177	4.0	838
Gerald Burket					
Mae	GH	5-8	23,786	3.8	906
Fred Bechtel					
88	RH	2-5	18,142	4.5	823
Richard R. Fox & Sons					
Candy	RH	8-11	19,202	3.9	751
Ginger	GH	6-0	24,117	3.8	910
Robert A. Brumbaugh					
4150	GH	4-10	20,087	4.0	812
Jay Metzker					
Dana	RH	3-6	19,902	3.8	757
Donald G. Hoover					
Karen	RH	5-1	22,629	3.7	831
Dawn Baker					
402	RH	3-7	22,343	3.6	809
Rodney L. Metzler					
25	RH	9-1	17,268	4.7	820
79	GH	8-5	17,956	4.9	876
7	GH	6-8	26,710	3.8	1018
11	GH	5-4	20,636	4.1	855
157	GH	4-4	20,998	4.2	880
188	RH	2-11	21,101	3.7	782
Phillip E. Pheasant					
Pam	GH	6-10	20,137	4.1	826
Lar Ann Farm					
Clara	RH	7-8	18,461	4.3	795
Peacock	RH	4-10	22,669	3.4	777
Angle	RH	4-2	20,699	3.7	770
Thomas W. Kelly					
Dottie	RH	4-11	21,341	3.7	783
Julius Replogle					
Fleabag	GH	4-9	20,714	3.7	764
D & R Sollenberger					
39	RH	4-4	19,690	4.1	807
Sollenberger Farms					
171	GH	5-9	14,864	5.3	793
Penn-England					
Melva	RH	7-5	20,116	4.6	916
Rodrick Hinish					
Sherry	GH	6-9	18,035	4.4	799
Robert Kensinger					
54	GH	5-8	20,303	4.2	852
Amos Newswanger					
12	GH	11-1	20,058	3.9	785
Bradley Sollenberger					
Debbie	GH	8-3	13,670	5.7	778

CECIL COUNTY DHIA
May 1983

Following are the top ten herds for May 1983 in Cecil County participating in the DHI program. These results are based on a Fat Corrected Milk basis. FCM allows the comparison of milk production records, varying widely in percentage of butterfat and thus differing in energy values.

Carroll E. Davis	120	53.8	1.89
Dix-Lee Farm	58	57.3	1.70
Pioneer Valley Farm	130	53.7	1.74
Pleasant View Farms	59	46.2	1.89
Albeck Farms, Inc.	192	48.8	1.72
Wm. Fred Schrader	91	46.2	1.77
Blair & Cammy Yurkanin	13	46.8	1.70
Long Green Farms, Inc.	116	46.5	1.71
Lovdal Farms	78	42.5	1.79
R. D. Dempsey & Sons	81	46.2	1.68



Avoid allergy traps in the home

LANCASTER — Most allergy sufferers will tell you that they're fighting an unseen enemy. It's hiding on bookshelves, drapes, rugs, in the very air they breathe.

It's dust, pollen, molds, and spores...sometimes too small for the unaided eye to detect.

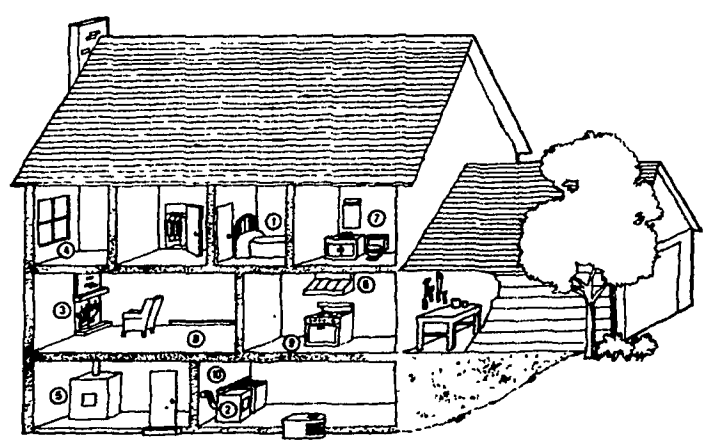
Children and senior citizens are especially susceptible. But anyone can develop an allergy to dust and pollen, even if they haven't been affected before.

That's why it's a good idea to eliminate as many allergy traps in the home as possible. What you accumulate through vacuuming and dusting is only the tip of the problem. Open doors and windows provide easy entry for bothersome particles.

One of the best defenses is the installation of a non-electronic high efficiency air cleaner on your home's heating system. When coupled with the proper humidity level controlled by a central humidifier, the air cleaner provides better air everywhere in your home.

Ask a local heating and air conditioning dealer about non-electronic air cleaners and central humidifiers. Or telephone this toll free number: 1-800-356-9652.

The diagram offers important steps to take for controlling allergy traps in your home. Cut it out for yourself, or pass it along to someone you know who is bothered by dust and pollen.



①Use fabric-free chairs and headboards in the bedrooms. Washable furniture is best.
②Clothes dryer should be in enclosed room with outside venting.
③Fireplaces should be enclosed and dampered. Don't store wood indoors.
④Avoid dust-catching knickknacks, bookshelves, and wide windowsills.
⑤Install non-electronic, high-efficiency air cleaner and central humidifier on furnace.
⑥Invest in a good, efficient kitchen exhaust fan, and wash filter regularly.
⑦Don't carpet bathrooms, use washable throw rugs.
⑧Use 100 percent synthetic fibers for rugs, carpets, and padding.
⑨Damp mop hard surface floors regularly.
⑩Tumbling drapes in clothes dryer on "fluff" will help remove dust.

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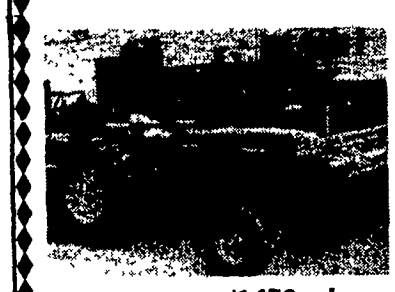
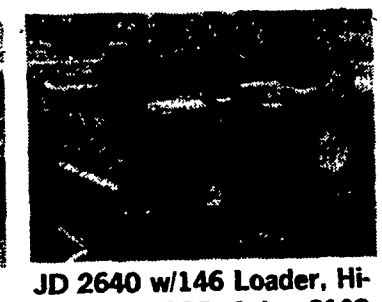
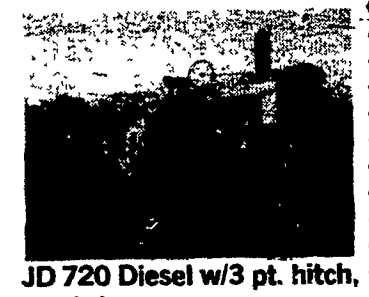


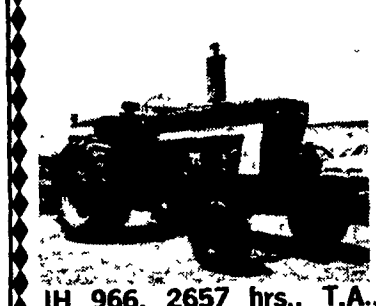
JD 2840 w/1450 hrs., 18.4x34 rears, one of a kind $13,400



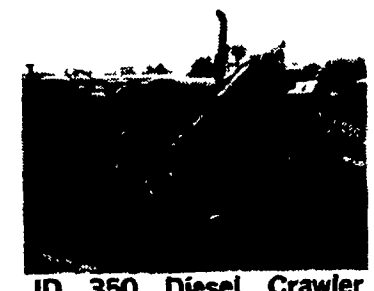
JD 2640 w/146 Loader, Hi-Lo Shift, R&P Axle, 2103 hrs. real clean ... $14,700



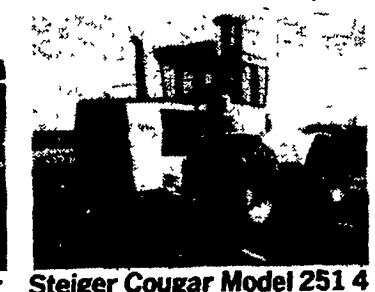
JD 720 Diesel w/3 pt. hitch, good shape



IH 966, 2657 hrs., T.A., three point, real sharp $12,700



JD 350 Diesel Crawler Loader w/Winch ... $9,500



Steiger Cougar Model 251 4 outlets, 813 hrs.. . $49,850

USED EQUIPMENT

IH 1066 w/Cab $13,950
John Deere 4230, Sound Guard Body & Quad Range $15,900
John Deere 350 Crawler Loader w/Winch $9,500
John Deere 3300 Combine w/10' Platform $13,750
John Deere 34 Harvester w/ one row Cornhead & Pickup Attachment $1,550
IH Corn Picker $1,075
IH 5 Bottom Plow $2,850
IH 8' Disk Harrow $400
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NI 325 2R Picker $4,350
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IH 340 Gas Tricycle Fast Hitch
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4-H'ers Demonstrate Speaking Skills

Twelve 4-H students from Lancaster County participated in a public speaking contest last Wednesday at the Farm and Home Center. Contestants were, top row from left: Amy Jo Strausbaugh, Deb Martin, Sally Gregory and Julie Adams. Middle row from left: Judy and MaryLou Rohrer, Yvonne Peters, Matt Bushong and Melissa H. Harris. Bottom row from left: Greta Breneman, Krista Martin and Matthew Irvine.

Julie Adams and Yvonne Peters, from left, presented a demonstration on how to train a foal. Melissa Harris, far right, presented a program on "The Care of the Hoof." Horses were provided by 4-H Leader Kendy Allen, of Saddle Cinches Club, Manheim. The 12 contestants were awarded red, white and blue ribbons in both the junior and senior divisions. Those students scoring 80 points or more are eligible to attend regional competition in Cumberland Valley High School July 14.

Holstein Convention

(Continued from Page A1)

Over 2000 attended the 98th annual convention of the country's largest breed organization, including several representatives from foreign countries.

David Smokler, Lancaster, Texas, was elected president, to succeed out going president Maurice Keene of Auburn, Me. Duane Green of Elsie Michigan was elected vice president to succeed Smokler.

Newly elected directors are: W.W. Mc Clean, J.J. Smith, John Sells, and Selby Timmons.

Sole controversy facing the convention delegates was a revised registration fee proposal. The revised fee schedule that finally passed was one proposed by the Pennsylvania delegation and which offers an incentive to register calves early at $4 during the first three months after birth.

At the Junior Convention the Pennsylvania Dairy Bowl Team from Washington County triumphed over entries from 16 states to win the National Holstein Association Dairy Bowl competition.

Members of the winning team are: Allan Kociak, Marsha Minor, Anna Barchiesi, and Pat Rush. The team coach is Patti McMurray.

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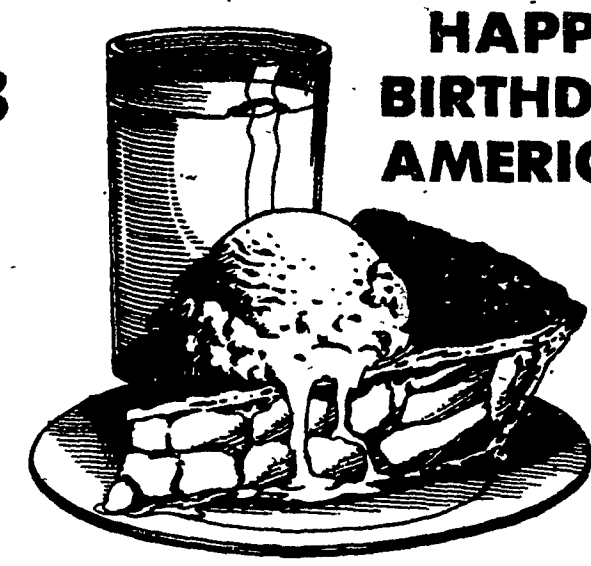

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Hobby keeps Jim Busy as a Bee

BY BETH HEMMINGER
Staff Correspondent

Forget about the birds, Jim Small of Shippensburg is interested in the bees.

Jim's interest in honey bees began five years ago when his son-in-law started several hives in his yard. Jim, a nature lover of sorts, found the bees so fascinating that he had to start his own bee project.

However, according to Jim, you simply don't get some bees and put them in a hive and it's done. The five year veteran explained you first have to learn the basics and build a lot of equipment before you can start beekeeping.

Some of the basic equipment for a beginning beekeeper is the hives, frames, smoker, hive tools, veil, gloves and feeder.

Building equipment is the beekeepers' past time in the winter months, said Jim. He builds all the outer boxes of the hives. Then, Jim orders the precut inside frames and puts them together.

But, Jim's work isn't quite as simple as it sounds. After he nails the frames together, a beeswax foundation is wired into the frame. The beeswax has to be placed in the frames in a straight and secure fashion which helps the bees construct a sound comb.

However, Jim said the real fun begins in the spring and summer when the colony begins its busy activities. Once the alfalfa, asters, buckwheat, clover, cotton, goldenrod, holly, locust (to name a few of the bee-attracting flowers), start blooming the bees are really busy buzzing. And Jim added, "Hopefully the honey supply is growing."

Jim explained the honey making process step by step, saying that the bees can't make honey without nectar from the flowers. This nectar is in reality the raw honey and the bees' main source of food. The bees collect the nectar and gather pollen, another essential ingredient to the bees' life. The worker bees collect these two substances at the same time. The nectar is collected in the mouth and the pollen is gathered in small particles on the hind legs.

Once inside the hive with their catch, the bees evaporate the water from the nectar, changing the nectar into honey. Then, the bees seal the honey into the cells of the honeycomb. The bees also store the pollen in the cells of the honeycomb. It is commonly known as 'beesbread.'

According to Jim, during the collecting season, the worker bees do something "quite fascinating". When a bee finds an area populated with nectar-filled flowers, trees and shrubs, it quickly will return to the hive and do the 'bees dance.' In our society, this dance would probably resemble 'rock and roll.' With this dance of shaking, twirling, and wiggling, the bees tell the colony exactly where the good collecting ground is.

Jim said he has been fortunate enough to see this dance and that it is quite amazing.

Jim shows us a close look at the brood frame as he searches for the queen bee. There is only one queen bee in each hive.

The bees store the honey, according to Jim, for their winter food supply. However, Jim said when there are several thousand bees in a hive, they can store quite a large amount of honey. The surplus is what Jim can claim. Last year, Jim worked four hives and collected 250 pounds of honey.

The pollen or beesbread – the food for the unhatched bees – is also consumed by humans. Jim and his family eat it frequently. "We like the taste, and pollen provides substantial nutrients to the body," Jim said. He noted that pollen is sold in health food stores and athletes are great consumers of the bee product. The pollen provides their bodies with essential nutrients and energy.

However, the bees are the largest consumers of the pollen. They consume about 100 pounds of pollen a year.

During the honey-collecting season, the queen bee is only busy doing one thing: laying eggs. The queen bee can lay up to 1,000 eggs a day. The eggs are stored in the honeycomb in what is called the brood chamber. Honey is also stored in the corners of the brood chambers.

Jim explained that the worker bees which are undeveloped females only live for six weeks. Therefore, while workers die, young bees hatch and are ready to take their place in the colony. During the peak time of collecting in the spring, about 60,000 bees can be living in the hive at one time.

With the worker bees live the male bees or drones. Their only purpose in the colony is fertilizing the queens' eggs. Compared to the several thousand worker bees, there are only a few hundred drones in each hive.

Jim remarked, "Bees must have been the inventors of women's liberation." Jim laughed, explaining his remark: after the collecting season is over in the fall, the workers remove the drones from the hive. "I have seen the workers bodily take the drones from the hive, fly them away and drop them," Jim said, adding that the workers also remove any worker bee who doesn't work during the collecting season. "They keep a clean home."

Jim said that each day he learns more about beekeeping and bees. "Bees can be contemptible or they can be nice," he said. And occasionally he even gets stung.

Recently, Jim's enthusiasm has captured the interest of several local children, and he has started a 4-H Bee Club. The club has nine members, and Jim has been teaching them the basics of beekeeping. Several of the members this year have bought their bees and now have one or two hives. Jim said that beginners usually buy a package of two to three pounds of bees with a queen from certified bee suppliers. Beekeepers can also start new hives by capturing a live swarm. Jim said he would like to teach the 4-H members how to capture a swarm, but has had little luck in finding one.

Eventually, Jim would like to turn his fascinating hobby into a business by selling the honey, honeycomb and beeswax. This year he is working towards his goal. He expanded his hives and now has a total of 15. He said he isn't looking for a large supply of honey this year, but next year, "I should be as busy as a bee collecting the surplus honey."

Jim remarked, "The wonderful

(Turn to Page B4)

Jim works with his wax melter where he melts the bees honeycombs into blocks of wax. Beeswax is used to make high quality candles.

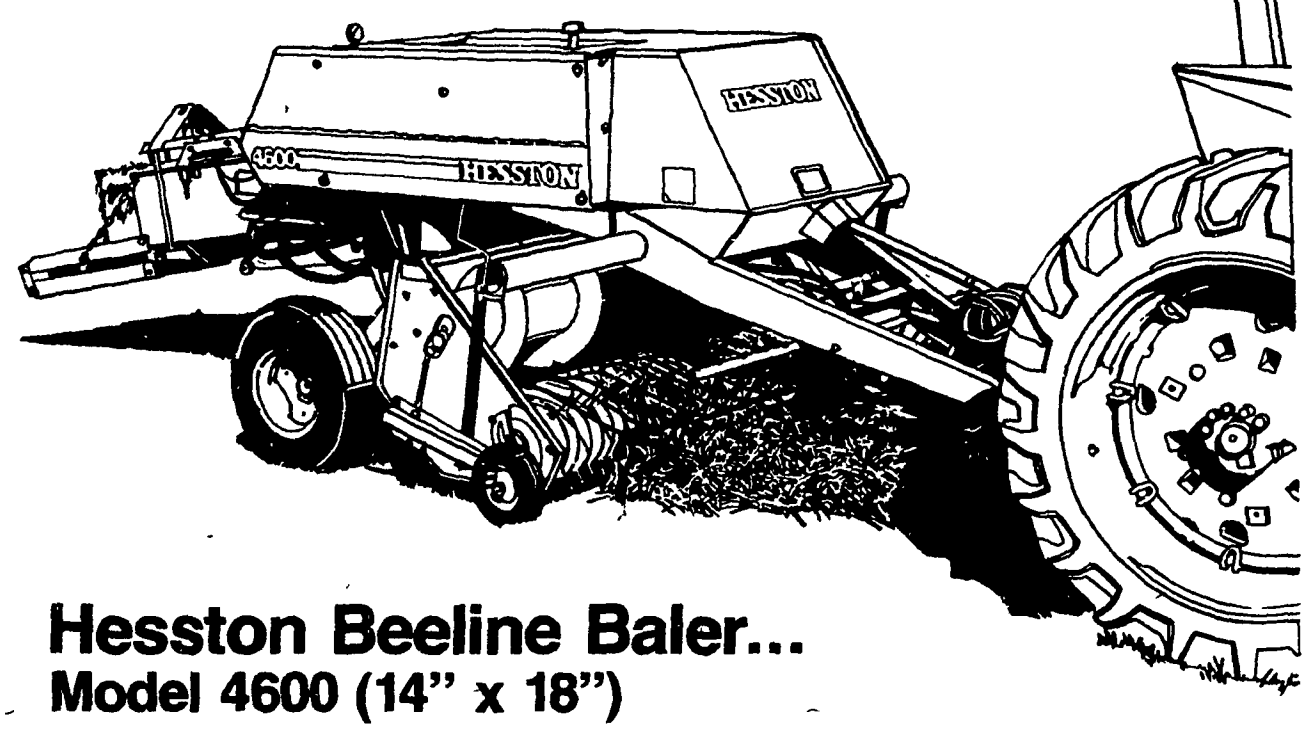
Jim is veiled and is taking a close look at a very busy hive. He gently picks up a brood frame crawling with active worker bees.

Homestead Notes

HESSTON

The PRIME LINE

Exclusive Center-Line design is fast and straight from pick-up to bale!



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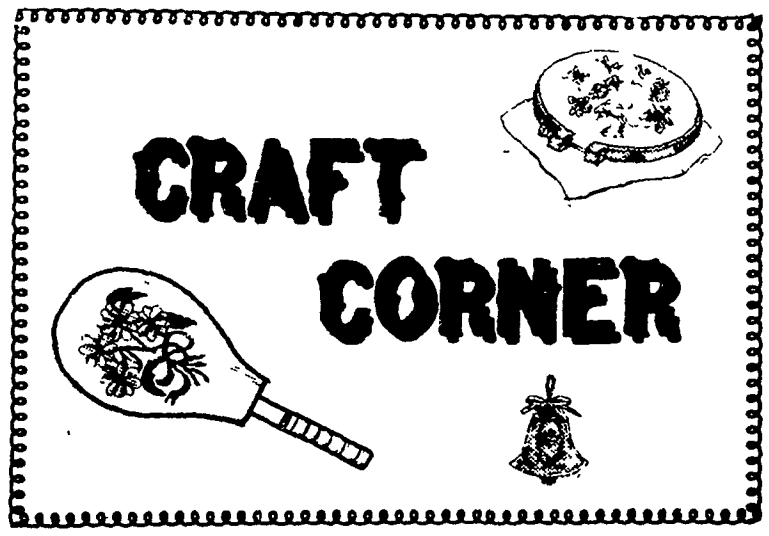


'Monoprint' cards

Why wait for Christmas to make greeting cards? More than likely, you'll find a wedding, birthday, or even a July 4th party between now and then.

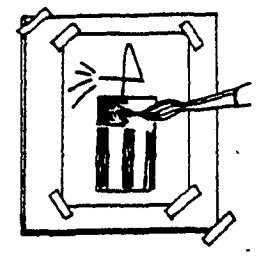
Greeting cards, announcements, and party invitations are fun to make in a variety of techniques. No matter how you make them, your results will be unique, interesting, and far more personal than anything you could purchase in a card shop.

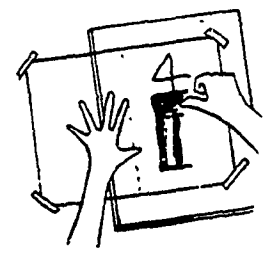
The July 4th party invitation shown here is an original, hand-made greeting card. It uses the "monoprint" techniques described in "The Art and Craft of Greeting Cards," by Susan Evarts, North Light Publishers.

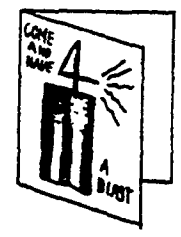
In her book, Evarts shows how to make cards by stenciling, silk screening, rubbing, lettering, etching, collage, and other techniques. Each technique is illustrated by imaginative cards. In her chapter on stamping, for example, Evarts shows how to say "Happy Arbor Day" by printing with fresh broccoli.

The monoprint technique described in her book requires printing inks or oil-based paints, sturdy paper and some ordinary household supplies. In monoprinting, the design is painted on glass or acetate and then stamped onto paper.

In monoprinting, even if you use the same design over and over again, each print will be slightly different, and each card an original. Also, since paints tend to spread in the monoprint process, the finished design has delicate, soft edges. The resulting card is one that would be welcomed by anyone.







Here are directions for the monoprinted greeting card:

MATERIALS: Oil-based paints or printing inks in two or three colors; acetate sheet; watercolor brush; bristol, construction or other absorbent paper; masking tape; clean rags; paper; pencil; and marking pens.

If you use inks, you'll also need talcum powder. If you use paints, you'll also need turpentine.

Note: Acetate sheets are available at art supply shops, but you may substitute a piece of glass with finished edges. Do not use glass with unfinished edges unless you tape the edges carefully.

PREPARATION: 1. Cut card paper to size. Fold cards. 2. If you're using ink, prepare acetate by dusting lightly with talcum powder. 3. Sketch design for your greeting card on paper. 4. Turn paper over and trace design on the back. This way your painted image will be reversed; the finished card, the right way.

PAINTING: 1. Tape sketch to a flat surface. Tape acetate on top. 2. Following your sketch, paint design on acetate. (a).

PRINTING: 1. While paint is still wet, lift acetate sheet, turn over, and place upside down on printing paper. 2. Tape over card and rub image carefully. (b) 3. If desired, before removing acetate, scratch in designs using a fork, comb, fingernail or other pointed object. 4. Remove acetate and let dry. 5. Rinse inks, or wipe oil paints, from the acetate sheet. 6. Make the next card by following the same steps. (c)

Busy as Bee

(Continued from Page B2)

thing about bees is that they are a benefit to everyone. In the United States alone, honey bees produce about $100 million worth of honey and beeswax each year, and they pollinate more than $2 billion worth of valuable agricultural crops."

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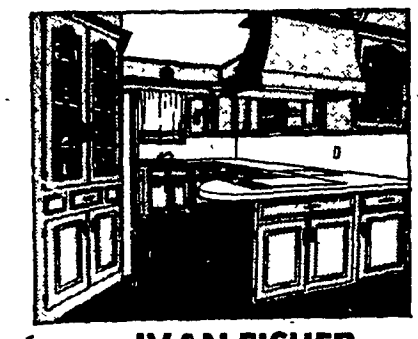

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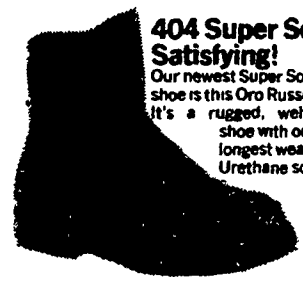
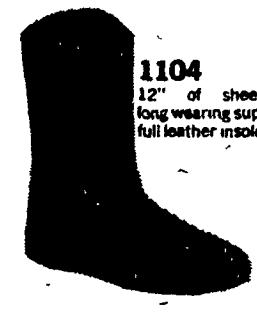


404 Super Sole Satisfying!
Our newest Super Sole work shoe is this Oro Russet boot It's a rugged, welted work shoe with our longest wearing Urethane sole.



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Lightweight, long-wearing, flexible, slip and oil-resistant Urethane "SuperSole" 6" full-grain, oil tanned, water-repellent Velva Retan leather
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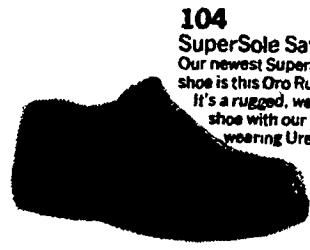

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SuperSole Satisfying!
Our newest SuperSole work shoe is this Oro Russet oxford
It's a rugged, welted work shoe with our longest wearing Urethane sole

TRY ON A PAIR AT ONE OF THESE LISTED REDWING DEALERS!
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Nationwide recipe contest opens for teenage cooks

CHICAGO, Ill. - In increasing numbers, teenage girls and boys are taking on partial or full responsibility for grocery shopping and preparing family meals. A new recipe contest, open only to teenagers, seeks to encourage young cooks' interest in creative cooking, an activity which can lead to a lifetime of cooking enjoyment.

With a cash incentive of a $2500 grand prize, the Uncle Ben's Young Creative Cooks Recipe Contest seeks imaginative recipes using Uncle Ben's family of rice products.

Contest recipe catagories include: 1. Uncle Ben's Converted Brand Rice recipes 2. Uncle Ben's Select Brown Rice recipes, and 3. Uncle Ben's Wild Rice Products recipes — using Original Long Grain and Wild Rice, Brown and Wild Rice or Fast Cooking Long Grain and Wild Rice. Recipe entries are limited only by the young cook's imagination and can include a wide variety of dishes: appetizers, rice salads, main dishes, side dishes, breakfast or brunch dishes, desserts... anything goes!

In addition to the grand prize, $1000 first prizes will be awarded in each of the three product categories. Two hundred runners-up prizes will also be awarded.

The contest opens for entries on November 1. Recipe entries will be accepted with a January 31, 1984 postmark until February 15, 1984 only.

As with any contest, care must be taken to follow the rules exactly, as an error or omission could disqualify the entry.

You may obtain additional copies of the contest rules by sending name and address to: RULES, Uncle Ben's Young Cooks Recipe Contest, P.O. Box 11877, Chicago, IL 60611.

Contest rules will be mailed the same day the request is received.

Time To Defrost Freezers

LANCASTER — Home freezers are probably near empty now — waiting for the start of a new growing season. Now is a good time to defrost your freezer, if it isn't automatic defrost model.

Depending on climate, humidity and usage, your freezer may need defrosting only once a year. So long as the frost is less than one-half-inch thick and looks like snow, it can be easily and quickly removed. A complete cleaning and frost removal is recommended at least once a year.

At least twice a year you should clean dust from the coils according to your owner's manual. At this time look for any changes that may have occurred such as unusual noises, vibrations, oil leaks or loose wires. Air circulation around the coils should not be blocked in any way. Check the plug on your refrigerator cord; make sure it fits snugly into the electrical outlet. Loose plugs can easily be bumped and fall out unnoticed. Freezers are very dependable mechanical devices, yet they do fail. Preventive maintenance will help reduce the likelihood of failure.

After removing all the frost, thoroughly clean the interior, door, and door gasket with warm water and baking soda (one teaspoon baking soda per quart of warm water). Although no-frost freezers defrost automatically, it's still a good idea to remove the food and give the no-frost freezer a thorough cleaning. After cleaning, rinse with clear water and wipe dry.

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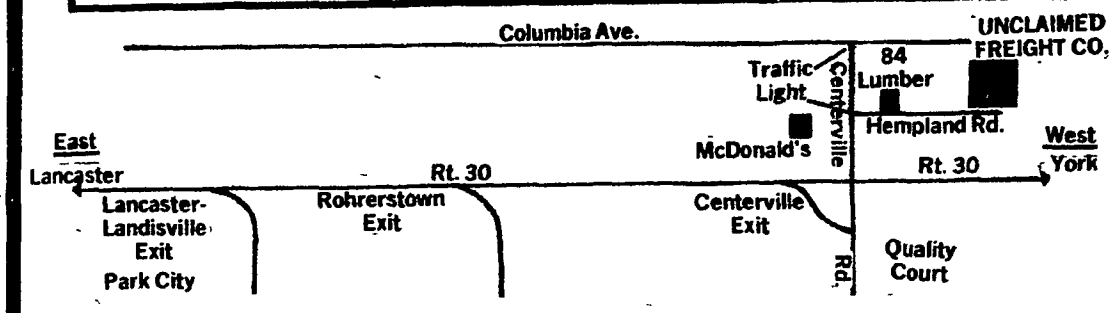

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Mattress & Foundation Sets...Quilted... 312 Coil... 10 Year Warranty
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40 - 3 Pc. Sets...Table & 2 Chairs...Reg. $239.95..... $59.95
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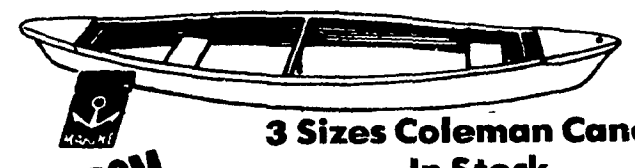

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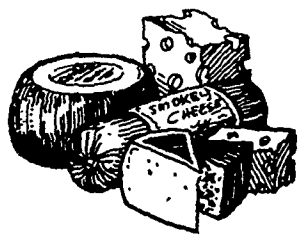
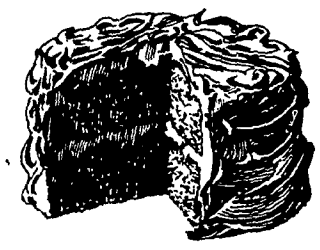


Home On The Range



Put a sparkle in your 4th with a holiday picnic

Filled with flags, sparklers, and fireworks no Fourth of July celebration would be complete without a picnic.

Whether gearing up for a large family affair, a quiet poolside dinner or a quick bite after milking, these delicious, easy-to-serve recipes will add flair to the festivities. Choose a variation on an old favorite or select a brand new idea as a special holiday surprise.

RED, WHITE AND BLUE SALAD

2 envelopes unflavored gelatin
⅓ cup sugar
dash salt
2 cups milk
1 1/4 cups cottage cheese
1 can (8 oz.) crushed pineapple in unsweetened juice
1 teaspoon lemon peel
1 cup sliced strawberries
1/2 cup blueberries

Combine gelatin, sugar and salt in a 1 1/2-quart saucepan. Stir in 1/2 cup milk to soften. Place over low heat, stirring constantly, until gelatin is dissolved. Add remaining 1 1/2 cups milk. Stir in cottage cheese, pineapple and lemon peel. Arrange a few of the strawberries and blueberries in the bottom of a 6-cup mold. Carefully spoon 1 cup of the gelatin mixture over berries; chill just until set. Arrange some strawberries and blueberries in a design against the side of the mold. Fold remaining strawberries and blueberries into remaining gelatin mixture. Turn into mold. Chill until firm.

PARTY BLUE CHEESE BALL

2 8 oz. pack cream cheese
3/4 cup crumbled blue cheese
1 cup shredded sharp cheddar cheese
1 small onion
1 tablespoon Worcestershire sauce

Mix all together in large bowl. Roll in one layer ball or three small balls. Roll lightly in parsley, chopped nut and paprika. Serve with crackers.

Grace Skeler
Bloomsburg

CREAMY POTATO SALAD

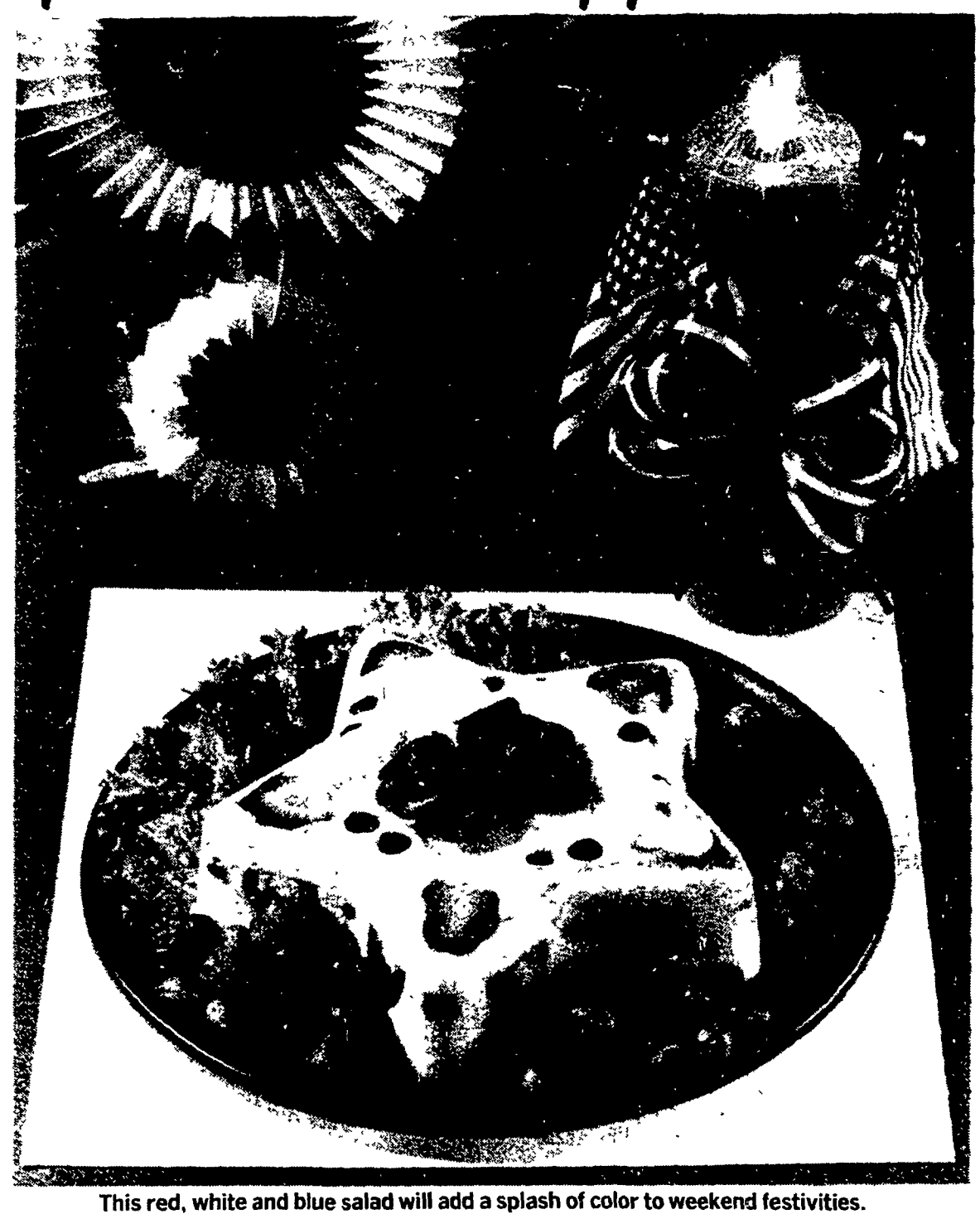
Creamy Salad Dressing:
2 tablespoons flour
2 tablespoons sugar
1 teaspoon salt
1 teaspoon dry mustard
dash cayenne pepper
1 cup milk
1 egg, slightly beaten
1/4 cup white wine vinegar
Potato Salad:
6 cups diced cooked potatoes (6-7 medium)
1/2 cup sweet pickle relish
1/3 cup chopped celery
1/3 cup sliced pitted ripe olives
3 hard-cooked eggs, chopped
1/4 cup finely sliced green onion
6 slices bacon, cooked and crumbled
cherry tomatoes, if desired
hard-cooked eggs, if desired

For dressing, combine flour, sugar, salt, mustard and cayenne pepper in a 1-quart saucepan; stir in milk. Cook over medium heat, stirring constantly, until mixture thickens. Cook 2 additional minutes. Blend a little hot mixture into egg; return all to saucepan. Cook 1 additional minute. (Do not boil.) Gradually stir in vinegar; cover and chill. For potato salad, combine potatoes, relish, celery, olives, eggs, onion and bacon in a large bowl; toss lightly. Add dressing and toss only until blended. Chill several hours. Serve garnished with cherry tomatoes and sliced hard-cooked egg.

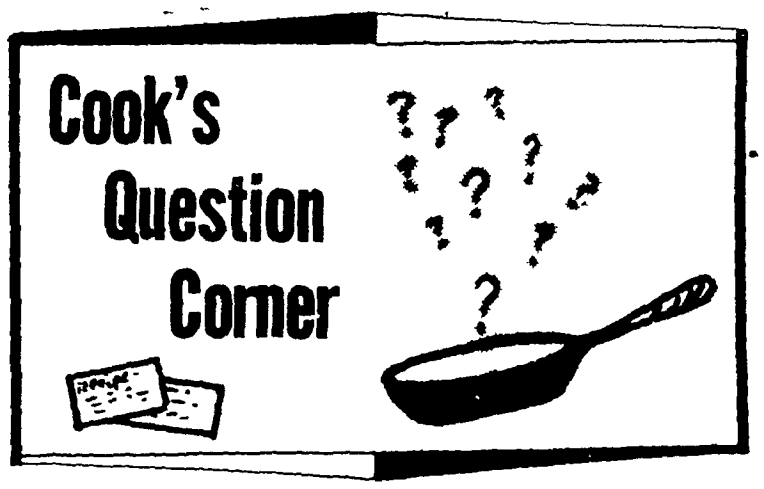
CUCUMBERS 'N' CREAM

1/2 cup vinegar
1/2 cup water
1 teaspoon salt
5 peppercorns
1 large, cucmber, thinly sliced
1 medium onion, thinly sliced
1 cup dairy sour cream

Combine vinegar, water, salt and peppercorns; add cucumber slices. Cover and chill about 2 hours; drain thoroughly. Gently combine cucumbers with onion and sour cream.



This red, white and blue salad will add a splash of color to weekend festivities.



QUESTION — I would like to see you print a recipe for making homemade goat cheese if you can find a recipe anywhere.

John Confer
Julian, Pa.

QUESTION — I would be interested in recipes using gooseberries. Can anyone help me?

A Reader

Recipe Topics

July	
9	Fruit - the summer's pride
16	Chicken for summer meals
23	Vegetables are in season!

CAMPER'S CHOICE

6 cups water
1 tablespoon chicken seasoned stock base
1 teaspoon salt
3 cups medium noodles
3 cups chopped cooked chicken or turkey
1 cup thinly sliced celery
1/2 cup sliced radishes
1/4 cup sliced green onion
1 cup dairy sour cream
1 teaspoon seasoned salt
1/4 teaspoon poultry seasoning

Bring water, stock base and salt to a boil. Add noodles and cook according to package directions; rinse with cold water and drain. Combine chicken, celery, radishes, onion and noodles in a large bowl. Mix sour cream, seasoned salt and poultry seasoning; fold into chicken mixture. Chill.

HAWAIIAN MILK DRINK

1 1/2 cups pineapple juice, chilled
2/3 cup orange juice, chilled
1 tablespoon fresh lemon juice
2 pints vanilla ice cream, softened
2 1/2 cups cold milk
orange slices, if desired

Gradually add fruit juices to ice cream: stir until blended. Stir in milk. Serve immediately in tall chilled glasses garnished with orange slice.

For the perfect July picnic combine old family favorites with tasty new dishes.

CREAMY MACARONI SALAD

1 1/4 cups uncooked macaroni
1 cup cottage cheese
3/4 cup chopped celery
1/2 cup chopped green pepper
1/2 cup grated carrot
1/4 cup finely chopped onion
1 teaspoon celery salt
1 cup dairy sour cream

Cook macaroni according to package directions; drain. Place in cold water for 5 minutes; drain. Mix together cottage cheese, celery, green pepper, carrot, onion and celery salt; carefully fold in sour cream. Toss lightly with macaroni. Chill thoroughly.

(Turn to Page B7)

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

How To Save Hot Water

Here are some ways that the consumption of hot water can be reduced any time a faucet is turned on whether it is for showering, hair shampooing, hand washing or the like. Without sacrificing cleanliness or comfort, I would like to suggest that you consider using cold or cooler temperatures whenever possible in the interest of conserving energy and costs.

* Encourage family members to take quick showers instead of tub baths. Considerably less hot water can be used, in many instances, about half as much as a bath.

* Consider installing some device that reduces the water flow at the shower head to save on the amount of hot water used and the energy required to heat it. There are different types available.

A flow restrictor placed in the pipe of the shower head is an inexpensive and easy-to-install unit that reduces the amount of water flow from the pipe to an adequate three to four gallons per minute.

There are water-saving heads that screw onto the shower arm.

In addition to reducing the water flow, some models can cut off the spray while you soap up, others have several types of spray.

* Letting hot water run continuously while shampooing the hair, shaving or washing hands is a needless waste. Close the drain and fill the basin instead.

* Stress to family members the importance of turning a hot water faucet or any faucet all the way off as soon as they are finished using water. Water is wasted by failing to close the tap all the way.

* Repair dripping faucets and pipe leaks promptly. A drip of one drop per second can waste almost two gallons of hot water a day plus the energy used to heat it. That totals approximately 700 gallons in a year!

Undercover Help For Every Bed

A mattress pad or cover, while not as glamorous as some of its other bedfellows, is a necessity for every bed. The pad provides a smooth, comfortable sleep surface. It also protects and adds years of life to the mattress and is easy to keep clean.

Mattress pads are usually white with a quilted ticking made of a blend of cotton and a man-made fabric or all man-made. The cushioning materials are generally the same man-made fabrics as those used for pillows. Some are of continuous filament polyester which one manufacturer claims will not break up, matt or lump as do the chopped and bonded fills. It becomes obvious then that a prime consideration when purchasing mattress pads is to look for those that resist compression, that bounce back into shape and will not matt or lump.

The type of pad quilting is another consideration. The newest method of quilting mattress pads is by sonic sound. Called "Pinsonic quilting," the process uses ultrasonic sound rather than threads to join the fabrics together to produce a quilted pattern with thermally bonded joints.

Examine the mattress pad to be sure there are no breaks, tears or separations in the joints joining the face fabric to the fiber back and lining fabric. For pads quilted with thread, the type and length of the stitching thread needs to be checked. Long and floating stitches may catch and break, thus causing the matting to mat and bunch up.

Quilted mattress pads offer the advantage of machine washing and drying. Frequent laundering keeps the covers clean and minimizes staining. Care instructions should be checked for recommended washing procedures. Generally, mattress covers can be washed using the same procedures as those followed for washing and drying sheets. Queen or king size pads may have to be washed one at a time because of their size.

There are other types of mattress pads or protective covers available that may not be machine washable or dryable.

Pads that contain polypropylene or vinyl cannot be dryer-dried. The heat can damage them.

For children's beds, an alternative to the standard quilted pad is flannelette on vinyl or rubber. Flannelette mattress pads are waterproof, reversible and machine washable. They should never be put in the dryer; vinyl and rubber are heat sensitive. Flannelette can also be bought by the yard.

Latex and urethane foam toppers provide cushioning to a mattress that is too firm. Pads range in thickness from one to five inches. They come in soft, medium and firm. Since they cannot be drycleaned or washed, they should be protected by a washable cover.

Sometimes, an old mattress can be improved in appearance or the lumpy surfaces smoothed out with the use of a fabric/foam mattress cover. It should have a drawstring or elastic edge for a tight fit. Fabric/foam mattress covers are not washable, so they should be protected by a mattress pad.

F.W.S. Calendar

Tuesday, July 5

Berks Society 5 meets for a family picnic at Rhea Schoener's

Thursday, July 7

Lancaster Society 20 meets for a family outing at Hastings Cottage, Crystal Manor

Lancaster Society 17 meets for brunch and to entertain county officers

Saturday, July 9

Lancaster Society 6 meets at the Mt. Gretna home of Miriam Heisey for games and quizzes program

Lancaster Society 2 meets with hostess Grace Miller

Holiday picnic

(Continued from Page B6)

TROPICAL SANDWICHES

1 1/2 cups cottage cheese
1/2 cup dairy sour cream
1 cup finely diced ham
2/3 cup diced celery
2 tablespoons snipped fresh chives
1 teaspoon seasoned salt
dash pepper
6 slices whole wheat bread
butter
fresh spinach leaves, washed and chilled
12 pineapple slices, chilled
toasted coconut

Beat cottage cheese until almost smooth; beat in sour cream until fluffy. Fold in ham, celery, chives, seasoned salt and pepper. Chill 1 to 2 hours to allow flavors to blend. To serve, spread one side of bread with butter. Cover buttered side of bread with spinach leaves. Arrange 2 slices of pineapple over spinach. Spoon cottage cheese mixture over pineapple. Sprinkle with toasted coconut. Serve immediately.

CLIP AND SAVE FOR THE MONTH OF JULY

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Coming In July...

Check The Time And Location In Your Area

CALL (717) 354-4424 For Add'l. Information

Monday	Tuesday	Wednesday	Thursday	Friday
4 **JULY CALENDAR** 4th of July Holiday	7 **FULTON CO.** Fulton County Fairgrounds McConnelsburg, Pa. 8:30 to 12:00 — Community Center Parking Lot Lemasters, Pa. 1:00 to 3:00	6 **BERKS CO.** Herman Lesher Mosselem Sprgs. 9:00 to 10:30 — Albany Township Bldg. Kempton, Pa. 11:00 to 1:00 — Oley Fairgrounds 2:00 to 3:00 — LaVerne Moser Farm East Berlinville 3:30 to 4:30 — * **FRANKLIN CO.**	7 **CHESTER CO.** Levi Stoltzfus Farm E. of Honeybrook Christian Bookstore 9:00 to 12:00 — **BERKS CO.** Harvey Stoltzfus Farm Morgantown, Pa. 1:30 to 3:30 — **LEBANON CO.** Aaron Lehman Farm 9-12 Jay Calvin Zimmerman Farm 1-3 **See Locations Below	8 **LANCASTER CO.** John and Abner Glick Farm on Quarry Rd. S. Georgetown 8:30 to 11:30 — Christianna Dairy and Rec Station 12:30 to 3:00
11 **WEST VIRGINIA** Elmer Vickers Fm. Kearneysville, W. Va. 9:00 to 11:30 — **MARYLAND** Horst Trucking Hagerstown, Md. 12:30 to 3:00	12 **LANCASTER CO.** Donald Lefever Home 3208 Columbia Ave., Lanc. 9:00 to 12:00 — Luke Brubaker Farm Union School Rd. Mt. Joy, Pa. 1:00 to 3:30	13 **LANCASTER CO.** E.M. Herr Trucking Rt. 472 S. of Quarryville 8:30 to 12:00 — West Willow Farmers Assoc. 1101 Lakeview Oxford, Pa. 1:00 to 3:00	14 **LANCASTER CO.** Gerald Kreider Farm South of Buck, Rt. 272 9:00 to 12:00 — Robert Mylin Farm Rt. 272 Willow St. 1:00 to 3:00 — **FRANKLIN CO.** Kenneth Lehman Farm Quincy, Pa. 9:00 to 11:30 — **ADAMS CO.** Roy Weiner Farm Old Rt. 15, Gettysburg, Pa. 1:00 to 3:00	15 **YORK CO.** Robert Charles Fm. Dover, Pa. 5350 Carlisle Rd. 9:00 to 12:00 — W.L. Mummert Farm Hanover, Pa. 9:00 to 12:00 — **CUMBERLAND CO.** Carlisle Area 1:00 to 3:00
18 **DELAWARE AND EASTERN SHORE, MD.**	19 **CENTER CO.** Henry Glick Farm Howard, Pa. 10:00 to 12:00 — Agway - Aaronsburg 1:00 to 5:00 — Penns Valley Sale Centre Hall, Pa. 6:00 to 9:00	20 **MIFFLIN CO.** Hostetlers Cider Mill Church Lane Reedsville, Pa. 8:00 to 10:00 — Belleville LOCUST GROVE MENNONITE CHURCH 10:30 to 3:00	21 **LANCASTER CO.** Kenneth Stoner 196 W. Lexington Lititz No. on 501 9:00 to 12:00 — Daniel Martin Farm Lititz Rd. between Manheim and Neffsville 1:00 to 3:00 — **BUCKS CO.** Interstate Farmers Coop. Office Southampton, PA 9:00 to 12:00	22 **DAUPHIN CO.** Calvin B. Mauser Farm No. Elizabethville On Rt. 225 9:00 to 12:00 — David S. Smucker Fm. RD #1 Lykens 1:00 to 3:00 — **MARYLAND** Southern State Store Whiteford, MD 9:00 to 12:00 — **YORK CO.** Earl Dougherty Fm. Brogue 1:00 to 3:30
25 **NEW JERSEY** Wm. Pettit Fm. Juliustown, N.J 9:00 to 11:30 — Elmer Pettit Fm. Woodstown, N.J 1:00 to 3:00	26 **SNYDER CO.** Klingler's Mill Middlecreek, Pa. 8:00 to 9:00 — Middleburg Auction & Sale 10:00 to 3:00	27 **ADAMS CO.** Yellow Buttercup Farm Larry Mummert E. Berlin 8:30 to 1:00 — **YORK CO.** Frank Feeser Farm Furnace Creek Farm, Hanover 2:00 to 4:00	28 **BEDFORD CO.** Cove Electronics on 866 near Curryville 8:30 to 11:30 — Bedford Co. Fairgrounds Bedford, Pa 12:30 to 3:30	29 **CHESTER CO.** Wm. Moore Farm #2 Rt. 41 Chatam, Pa. 9:00 to 12:00 — **LANCASTER Co.** Sam Beiler Farm (Structural Plastics) Mt. Vernon Rd. Buena Vista 1:00 to 3:30

* **FRANKLIN CO.**
- Pleasant Hall Fire House Parking Lot 9:00 to 12:00
- H.W. Baker & Sons Service Station Willow Hill, Pa 1:00 to 3:00

** **LEBANON CO.**
- Aaron Lehman Farm 3rd Farm Left on Martin Rd. Off Rt. 422 at Dutchway Farm Mkt. 9:00 to 12:00
- Jay Calvin Zimmerman Farm Rt. 419, Next to Keller Bros. Tractor Co. Buffalo Springs, PA 1:00 to 3:00

433 Centerville Rd.
Gordonville, PA 17529

On being a farm wife -And other hazards

Joyce Bupp

"All a man needs," figures a rural philosopher I recently saw quoted," is a pickup truck that goes, a dependable pocketknife and a wife who cares."

Our pickup goes.

Mostly it goes to the repair shop.

Latest in a lament list of truck troubles since the first of the year was a problem with the brakes.

Brakes - and breaks - have combined to lay low the most-frequently used piece of equipment on four wheels on the farm.

First disaster came when the gear end went kaput a day before our show entries were due to be checked in for Farm Show competition.

Rescue came in the form of fellow county Holstein breeder who made a complete extra round trip with truck and trailer to haul our cattle.

Adding insult to injury was the fact that, just days before, the truck had undergone one of those fine-tooth-comb pre-winter tuneups, anything from plugs and filters to repairing the faulty gas gauge.

After a week of gasping in intensive care, the truck purred home in time for the cattle's return trip. We won't even talk about the flat tire on the loaded trailer on the trip home.

For just long enough for us to grow complacent about the truck's reliability, it ran uneventfully.

Four days prior to the next cattle show, guess what?

Back to the shop we sent, for major surgery on the timing. Poor timing, for sure. Motorwise-and otherwise. But, put on a rush order, the truck recovered just in time for attachment to the trailer loaded up for the show.

Not long ago, in the middle of haylage hauling, when we needed the truck to lug filled wagons across the roads from distant fields, the brakes died. A rush job this time cost an extra 70 bucks to guarantee getting parts overnight.

So much for the pickup that goes.

Now, about the dependable pocketknife.

If all the pocket knifes that have ever been on this place were laid end to end, a farm wife still would never find one handy when she was confronted with a tightly packed bale of hay.

Most logical place to look for one is on the top of the clothes dryer, where drippy pocket knives are laid to dry out after their frequent baths at the bottom of the washing machine.

On one hand, we probably have the cleanest pocket knives around. On the other, there just isn't a whole lot of demand for clean knives with rusty blades.

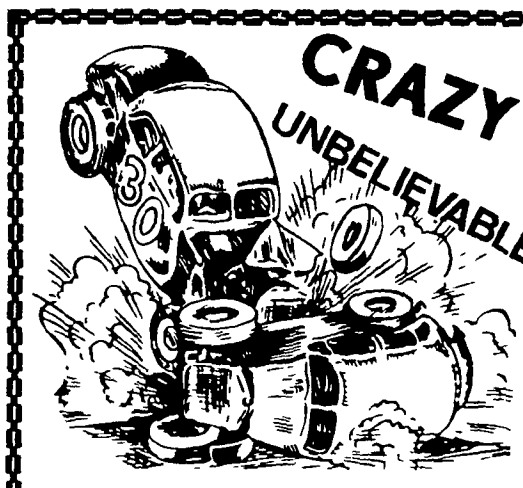
In light of the problems with pickup trucks that don't go, and pocket knives that can be depended on to be in the pocket of the jeans just thrown in the wash, maybe we'd best not even pursue that part about wives who care.

Rep. Walker conducts meeting on dairy legislation

LANCASTER — Congressman Bob Walker (R), 16th district, will conduct an informal meeting Tuesday, July 5th at the Lancaster Farm and Home Center to dicuss dairy legislation. According to a legislative aide in Washington, D.C., the purpose of the meeting is to provide an opportunity to inform all interested dairy farmers of pending changes in the national dairy program.

Rep. Walker will bring with him two spokesman from Washington, D.C., who will be available to answer questions relating to the Dairy Production Stabilization Act of 1983.

All interested dairy farmers are urged to attend. The meeting will begin at 8 p.m. The Farm and Home Center is located at 1383 Arcadia Road in Lancaster. — TW



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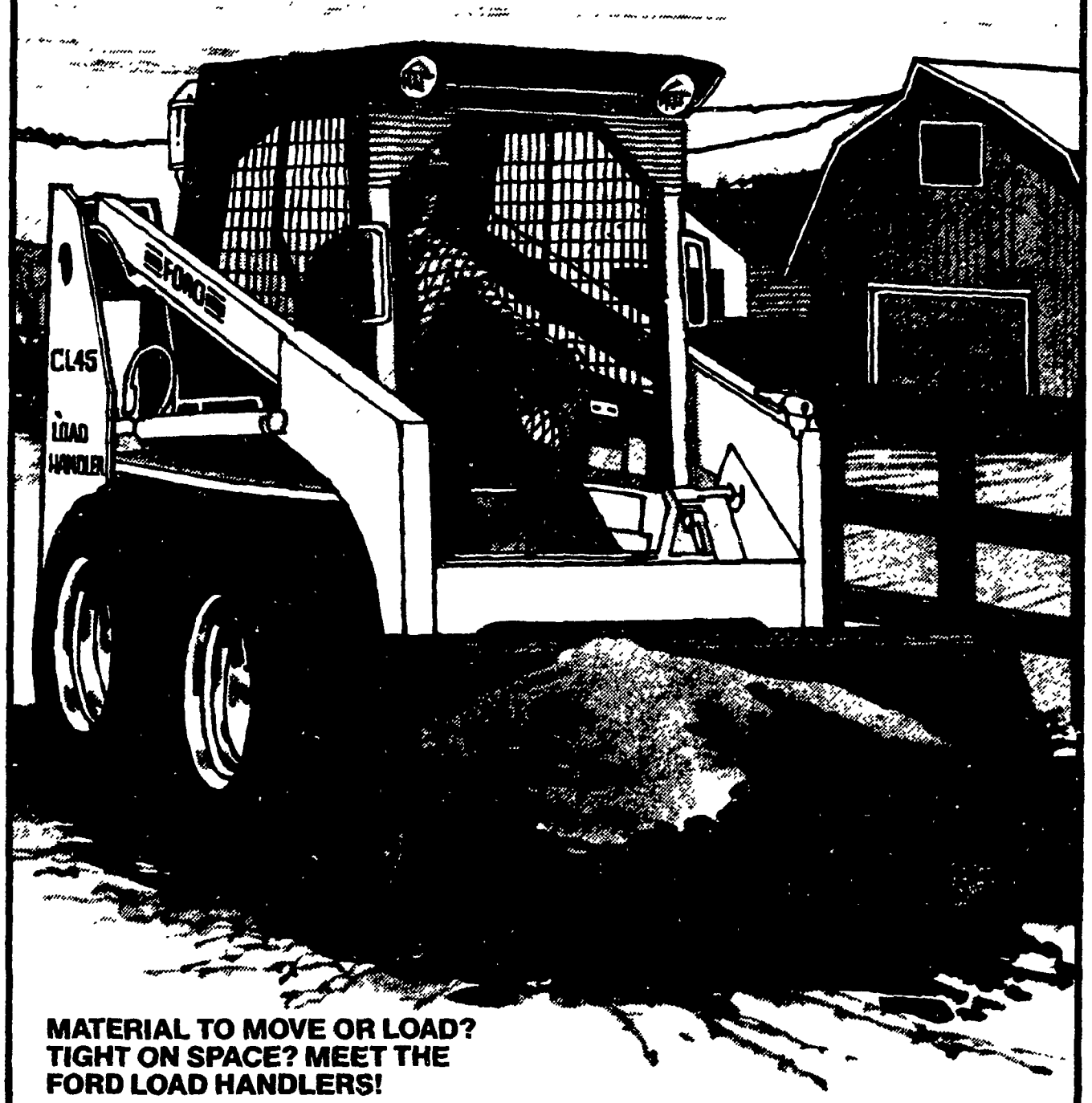

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*On two smallest models

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Dauphin holds dairy judging contest

HARRISBURG — The Second Annual 4-H Dairy Judging Contest for Dauphin County drew 22 members in competition in three divisions. Five classes of cattle were judged and senior members gave two sets of reasons.

The highest placings score was by Glen Campbell, Lykens, who had 230 points in the junior division.

Other division winners were Steve Shetterly, Millersburg, in the intermediate division and Tony Williams, Middletown, in the senior division.

Cattle were judged at Great View Farms (Paul Miller & Sons) and Javis Holsteins (Jay Brandt). Lloyd Pease from Atlantic Breeders was the official judge.

More complete results are as follows:

Senior Division

1. Tony Williams, Middletown; 2. Tina Campbell; 3. David Feidt, Elizabethville.

Intermediate Division

1. Steve Shetterly, Millersburg; 2. Sammy Williams, Middletown; 3. Kim Boyer, Millersburg.

Junior Division

1. Glen Campbell, Lykens; 2. (tie) Linda Buffington, Millersburg; 3. (tie) Floyd Buffington, Millersburg.

Block farm visit set

WASHINGTON, D.C. — Secretary of Agriculture John R. Block has invited ministers of agriculture from 50 countries to visit his Illinois farm June 25 for a tour and informal discussion of the world food situation. Many of the ministers will be in the United States for the annual meeting of the World Food Council in New York June 26-30.

"This visit will allow us to meet in an informal setting to discuss topics of mutual interest," Block said. "It would also give our guests a grass roots look at U.S. agriculture, which has a very important role in world food security."

On the Block farm, the visitors will tour test plots and fields employing soil conservation techniques. They also will view hog production facilities and methods, farm equipment and storage areas.

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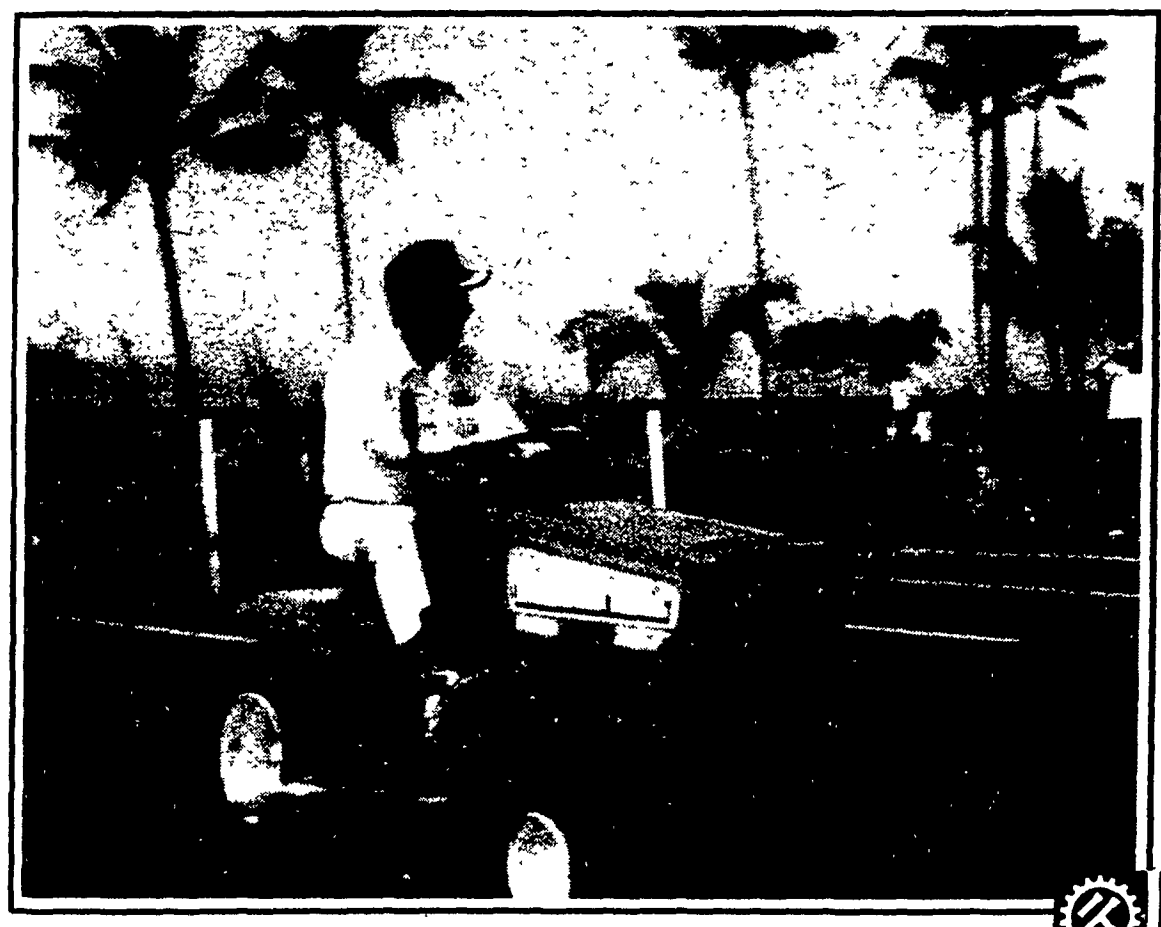

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	List	SALE PRICE
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12806 1855 White w/50" Mower	$2506	$2,300.00
12723 Allis Chalmers 620 w/50" Mower	$3400	$3100.00
12571 Ford 1600	$4595	$3900.00
12675 Hahn Rider 5 PH	$295	$2250.00
12813 Snapper w/Rear Bagge SOLD e)	$695	$595.00
12812 7016 Simplicity 16 HP	$1995	$1750.00
12810 7016 Simplicity 16 HP	$1995	$1750.00
12811B-110 Allis Chalmers	$895	$750.00
127744 Loader for Cub Cadet 1450 or 1650	$695	$575.00
12714 Kubota B-6100 w/348 Woods Mower	$4895	$4375.00
12731 Kubota B-6100 E w/48" Mower	$4695	$4175.00
12699 Kubota B-6000	$3595	$3100.00

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Kid's Korner

WORDS & MEANINGS

By D J Coates

Unmix the letters in the boxes to form a word. Then circle A, B or C for the correct meaning (or definition).
Score yourself as follows:
4 Correct-Excellent 2 Correct-Fair
3 Correct-Good 1-0 Correct-Poor

1. N I R D

A JUICE B SKIN C DISH
Clue inedible part of the watermelon

2. G R A E W

A REPTILE B BET C STARE
Clue "Snake eyes!"

3. V I R A Y A

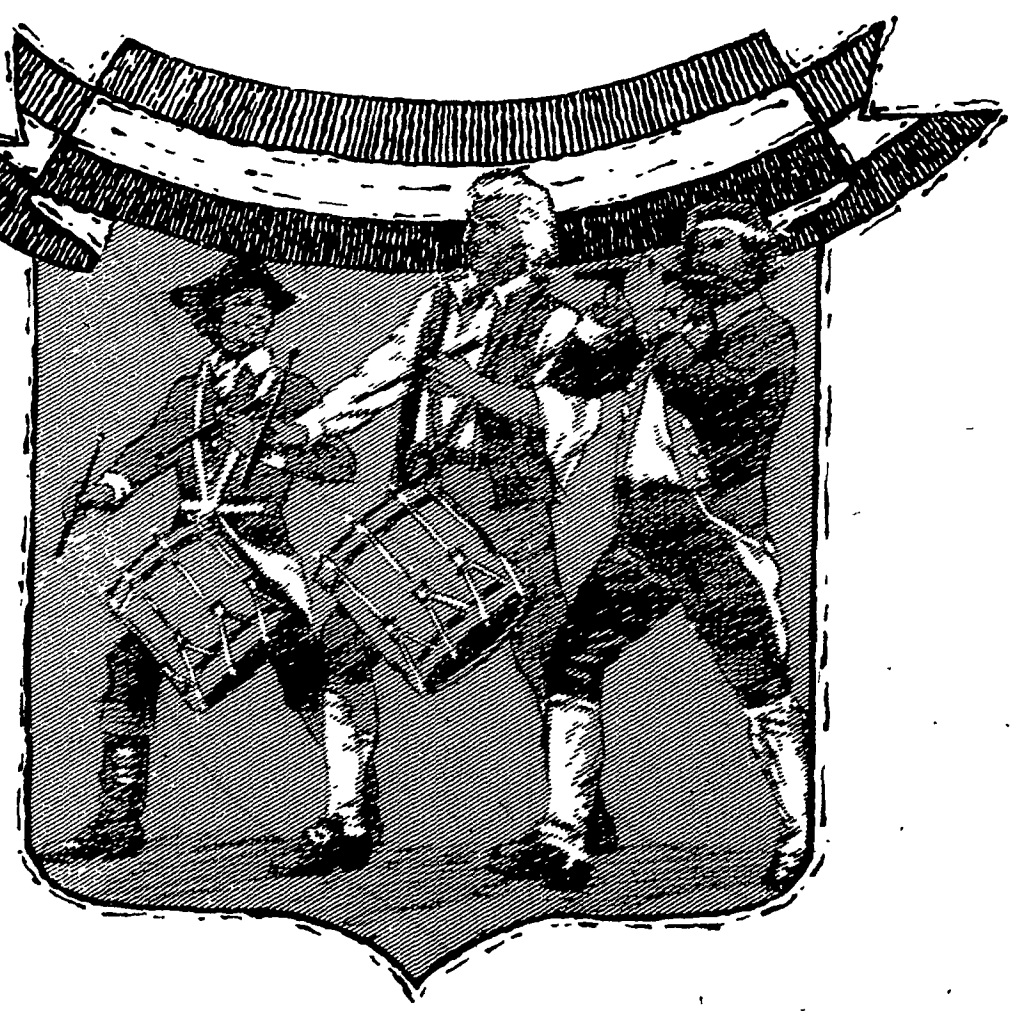
A DOGHOUSE B MEADOW C BIRDCAGE
Clue a place for feathered pets

4. M E T P U L M

A FALL B RIDE C SKATE
Clue Down and down we go!

Answers 1 RIND-B 2 WAGER-B 3. AVIARY-C 4 PLUMMET-A

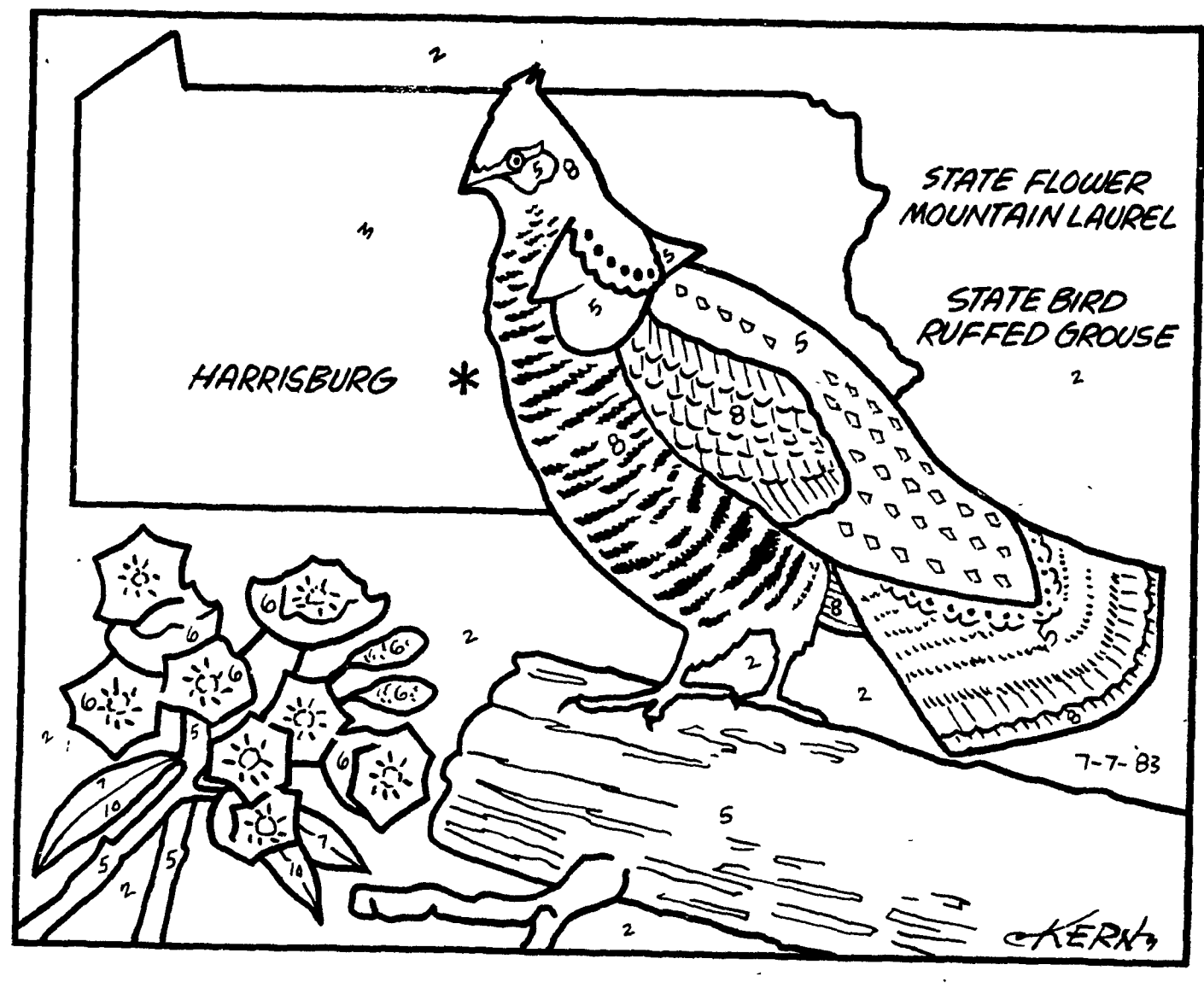
Hats Off to America On the 4th



COLOR THIS!

1.	BLACK	6.	PINK
2.	PEACH	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

PENNSYLVANIA WAS NAMED FOR THE FATHER OF ITS FOUNDER, WILLIAM PENN. THE WORD MEANS "PENN'S WOODS." THIS STATE WAS THE CUTURAL AND GEOGRAPHICAL CENTER OF THE ENGLISH COLONIES IN AMERICA. ON JULY 4, 1776, CONGRESS APPROVED THE DECLARATION OF INDEPENDENCE IN PHILADELPHIAS STATE HOUSE.



SPRING BONUS SPECIALS

Hot news: finance charges waived to Nov. 1983...introductory rebates offered up to $1,900

On new 40- to 85-hp John Deere 50 Series tractors

These money-saving deals deserve your immediate attention. These introductory cash rebates on new John Deere 50 Series "Efficiency Expert" tractors are yours direct from John Deere... besides our own good deal with you.

Take action soon and there's another advantage for you. If you are a qualified buyer and finance your new 50 Series utility tractor with John Deere, finance charges will now be waived to November 1, 1983.

This is a limited-time offer. Come in and pick the power size and options, such as exclusive Caster/Action™ mechanical front-wheel drive and Sound-Gard® body, that meet the needs of your type and size of farm. And then check out the big savings you can make.

Model	Cash Rebate on Purchase
85-hp 2950 MFWD	$1,900
85-hp 2950	1,700
75-hp 2750 MFWD	1,800
75-hp 2750	1,450
65-hp 2550 MFWD	1,900
65-hp 2550	1,600
55-hp 2350 MFWD	1,600
55-hp 2350	1,350
50-hp 2255	1,075
45-hp 2150 MFWD	1,450
45-hp 2150	1,150
40-hp 1250 MFWD	1,200
40-hp 1250	900

*Availability of John Deere financing plans subject to approval of credit. These offers may be reduced in value or withdrawn at any time.

Summer Goals BONANZA

Finance waiver to March 1, 1984 on new John Deere plows, disks, drills and other tools

Here's why now is your best time to buy the new John Deere tillage tool, drill, row-crop cultivator, or seeder you need (see the list below). We're ready and willing to deal on the model and size you need. And on top of our good deal, if you finance with John Deere as a qualified buyer your finance charges will be waived until March 1, 1984.* That's right — and with no finance charge until next spring, you can use the money you save any way you want.

Just look at your selection from the John Deere line covered by this offer:

- Moldboard plows: semi-integral, integral, and drawn; 2 to 16 bottoms.
- Disks: drawn or integral; tandem or offset; 6½ to 40½ feet.
- Chisel plows: drawn or integral; 2 or 3 bars; 8 to 59 feet.
- Field cultivators: integral or drawn; 9½ to 60½ feet.
- Mulch tiller: five sizes from 11 feet 3 inches to 21 feet 3 inches.
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Huntingdon Co. crowns new dairy princess

BY PATTY GROSS MOCK
Staff Correspondent

PETERSBURG — Jennifer Davis was crowned 1983-84 Huntingdon County Dairy Princess June 11 during the annual Huntingdon County Holstein Picnic at Shavers Creek Community Building.

Three girls competed for the title held by outgoing princess Emily Kyper. Emily crowned her successor, Jennifer, who is the daughter of Clara Grace and Harold Davis, R2 Huntingdon.

Jennifer, 17, is the youngest of three children raised on the Davis farm, near McAlevys Fort. The brown-haired, blue-eyed young woman knows her way around their 800-acre family farm. Jennifer helps milk the 106 registered Holsteins, and also sees that the calves are fed each evening.

Jennifer has two brothers who work on the dairy farm. Craig, 21, recently graduated from Pennsylvania State University and Ken, 20, is a senior at the University.

Jennifer is secretary of her 4-H club and active in the sewing project and dairy club. The new dairy princess still finds time to participate in school and church activities. She plays girls' basketball and softball. She is a member of ski club and golf club, and also enjoys swimming and jogging. She participates in the church youth group, church softball and plays the piano.

Jennifer will be a senior at Huntingdon Area High School in the fall. The young and talented dairy princess hopes to attend Penn State and major in merchandising following high school graduation.

Following her crowning, Jennifer thanked the dairy industry supporters who attended the chicken barbeque and dairy princess program. "I'm looking forward to my new job," said Jennifer. The enthusiastic queen of the dairy industry hopes to work on some new ideas to sell milk products, but has no definite plans at this time.

Assisting Jennifer in promoting the dairy industry over the next year will be Lolly Long, first alternate. Chosen as second alternate was Shirley Powell.

Lolly, 19, is the daughter of David and Lois Long, R3 Huntingdon. The sophomore at Penn State University is a 4-H leader in the Piney Ridge Club and county council and state leadership 4-H advisor.

Sixteen-year-old Shirley Powell of R1 Petersburg, is the daugther of Jane and Paul Powell. She is active in 4-H, Gospel Lite Puppeteer, girls softball, ski club and prom committee. Shirley is a senior at Huntingdon Area High School.

The young dairywomen were judged on their poise, appearance, personality, speaking ability and dairy industry knowledge.

Judges for the pageant were Mifflin County dairy farmer and Inter-State Milk Producers Cooperative Director William Bradford; veterinary assistant, Juniata County dairy farmer and school bus driver Barbara Graham; and Peg Kelly, a former dairy princess and a Blair County dairy farmer with a B.S. degree in Home Economics.

Master of ceremonies for the evening was Donald Evans, superintendent of the Juniata Valley School District.

Emily Kyper presented a demonstration and slide show of her past year. As a representative of the dairy industry, Emily had a very busy year making presentations at schools, supermarkets, fairs and parades.

She thanked the dairy princess committee for their encouragement and support during her reign. The 1983 committee was Vera Foster, Trudy Baney, Jane Branstetter, Lisa Gutshall, Eleanor Isenberg, Leslie McGargle, Lois Kyper, Sandy Schilling, Judy Shade, Karen Gilliland and Barbara McMath.

Huntingdon County's new dairy princess is Jennifer Davis of R2 Huntingdon. The 1983-84 princess is surrounded by (left to right): first alternate Lolly Long; the 1982-83 dairy princess; Emily Kyper; and second alternate Shirley Powell.

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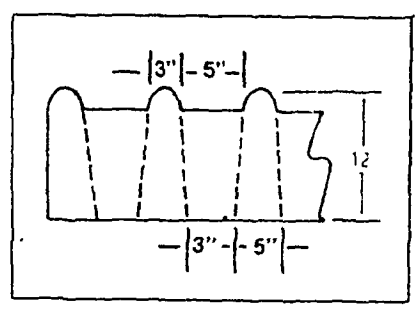

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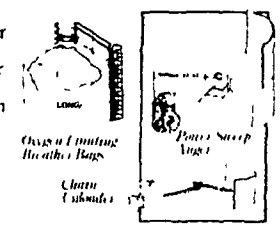

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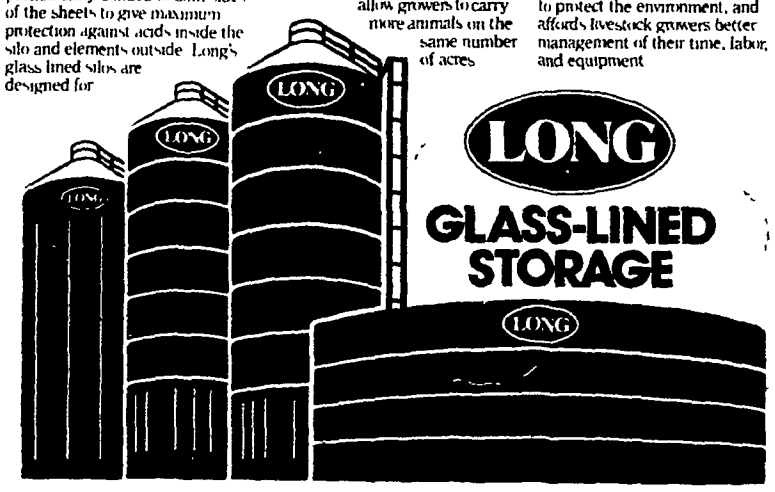

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Palmyra native is 4-H exchange

PALMYRA — Wendy Fahnestock, Lynwood Drive, has been selected to represent the United States as an International 4-H Youth Exchange (IFYE) representative to the Netherlands for 6 months.

Her trip began on June 12 with orientation at the National 4-H Center in Washington, D.C.

In Holland, Wendy will live and work with 7-10 host families, learning about Dutch culture. At the same time, she will share American and local traditions and culture.

Wendy is looking forward to meeting the people, experiencing the culture, and learning the language. She says, "Do you know how hard it is to find Dutch-English dictionaries here in Central Pennsylvania?!" She has located a dictionary, now, and notes that there are many similarities between Dutch and German, which she has studied.

Wendy Fahnestock

Wendy is a daughter of Pat and David Fahnestock. She is a 1982 graduate of Kutztown State College with graphic design as a major.

Wendy is the thrid Lebanon County IFYE in as many years. In 1981, Megan Conner visited Trinidad and Tobago, Deb Kreider lived in Italy in 1982.

Like her predecessors, Wendy, a former 4-H member, also plans to do presentations about her overseas experiences upon her return. Civic, church, and other community groups are invited to contact Wendy's family or Extension 4-H Agent, Linda Siegel at 274-2801, to schedule a program in 1984.

IFYE participation is supported by donations from businesses and individuals, a loan from the Lebanon County 4-H Development Fund, and fees paid by the participant.

IFYE programs are coordinated by the National 4-H Council. They are designed for 4-H'ers 16-20 years, former 4-H'ers 20-25, and 4-H volunteers.

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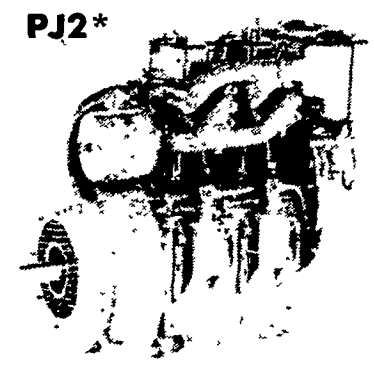

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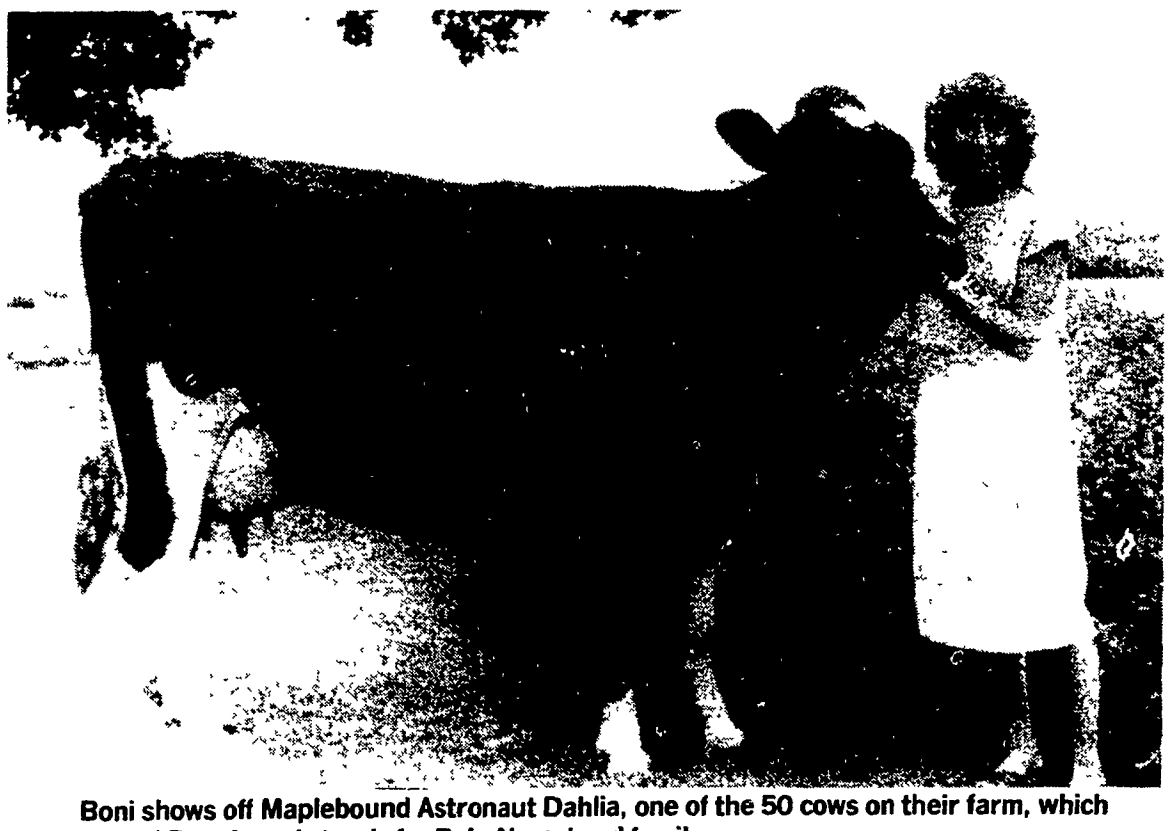


Boni shows off Maplebound Astronaut Dahlia, one of the 50 cows on their farm, which is named Ronafa and stands for Rob, Noami and family.

Dad inspires new princess

BY KIMBERLY HERR

WILLOW STREET — Start with a belief, add a generous portion of talent, a heaping amount of hard-work and mix with some inspiration from Dad.

What's the result?

For Willow Street's Boni Gochenaur, it was success at the Lancaster County Dairy Princess contest June 18.

"My dad and I had talked about it (the contest). He kind of wanted me to do it," Boni said. "I thought it would be good experience with meeting people and learning more about the dairy industry."

Although the inspiration and encouragement came from her parents, Bob and Naomi Gochenaur, 419 Penn Grant Road, the talent was Boni's contribution. In order to compete, each contestant had to make up a 30-second commercial for milk.

Boni, age 17, sang her commercial to the tune of "Follow the Star."

"It invited people to come and be healthy and to drink milk for fitness," Boni said of her song.

In addition to the commercial, each girl had to answer an impromptu question on the stage. Boni's asked what message she would deliver if requested to speak at a meeting of a group of people not directly related to farming.

Boni's winning response was, "Milk is good for everyone, and you need it to function properly."

Although Boni admitted to feeling a bit nervous about the question part of the contest, she found a positive side to it.

"I looked up some different things about the dairy industry to find out and make sure I knew what was going on," she said, explaining that she learned a great deal about dairy farming.

Armed with her new knowledge, a belief in the product and information she gained while aiding her parents with their 50 dairy cows, Boni is ready to start on her milk campaign.

The blonde hair, blue-eyed winner hopes to stress the importance of milk to the people she plans to meet.

"I want to make people more aware of how milk can be used," Boni explained. "Reaching kids is my main goal. They are the ones who will be the future generation."

In order to get her message across, Boni will be doing supermarket promotions, awarding ribbons at local fairs and attending 4-H roundups and field days. She will also be speaking at banquets and the meetings of various organizations.

With her dairy princess duties and her classes at Lancaster Mennonite High School, where she will be a senior, Boni's planning a busy year. She also plays the flute for her school orchestra, sings in the school chorus and enjoys "working in the kitchen."

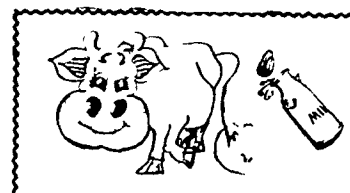
In addition to these activities, she will also be taking a public speaking class at Dale Carnegie Courses.

Her future plans call for training at Lancaster General Hospital School of Nursing.

"Ever since I was a little girl I wanted to be a nurse," Boni said. "It's a service to mankind and hospitals always intriqued me."

But, before nursing comes an active year of being Lancaster County Dairy Princess. When asked what advice she would give to girls thinking about entering the dairy princess contest, she replied, "Do it, but you have to be prepared to give yourself for that year."

Lancaster County's new dairy princess relaxes on the front porch of her parent's Willow Street farm.



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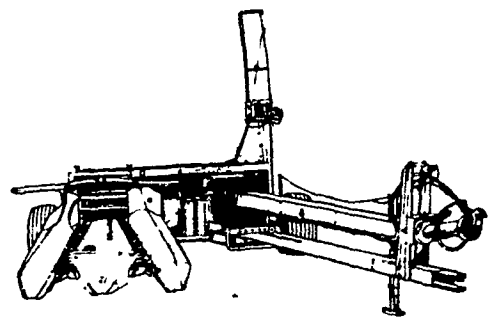

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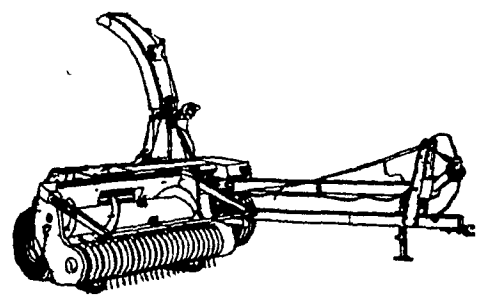
There's a big choice of crop heads, including the exclusive interchangeable 3-row crop head/windrow pickup, 2-row low-profile crop head, conventional windrow pickup, sicklebar and ear-corn snapping heads. Under-knife baffles increase capacity



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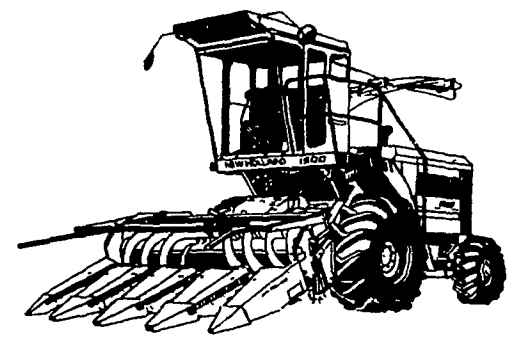

The heart of the 250-hp Model 1900 chopper is a massive 12-knife cutterhead that's 25½-inches wide. Exclusive underbeveled knives never need rebeveling. And the exclusive Metalert™ electronic metal detector prevents costly damage to the cutterhead by detecting ferrous metal objects and stopping the feedrolls and attachment drive before they reach the cutterhead. Exclusive flip-up feedrolls make shearbar adjustment easy. Exclusive interchangeable cropheads are ideal for the farmer/rancher who chops both windrowed crops and row crops. Stop in soon and let us show you all the features on both Whopper Choppers — the Model 1900 and the 325-hp turbocharged Model 2100.

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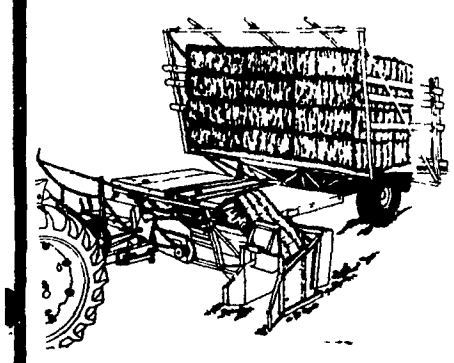

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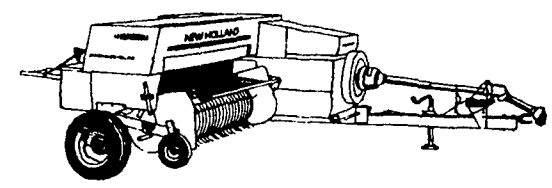

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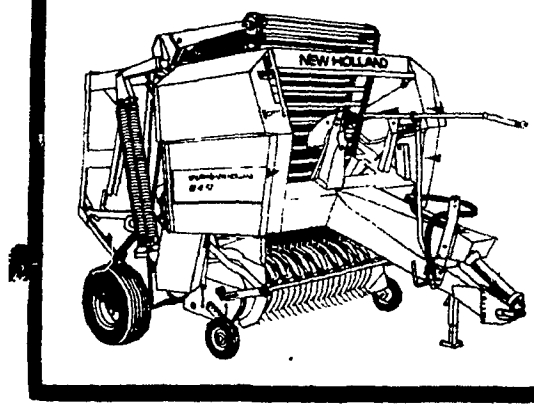

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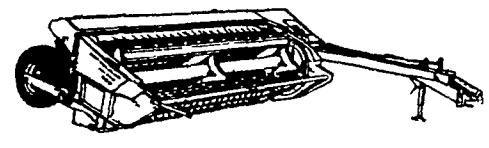

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Ida's Notebook

Ida Risser

Recently I attended my 45th high school reunion. I know that gives away my age and I do find it difficult to realize that so many years have slipped by since our graduation.

We had a large gathering of our class of some 70 members as over half of them attended the buffet supper at the Brunswick in Lancaster with their spouses. It is said that "We get together to see who has fallen apart." And in a sense, that is true. Some of the most attrative members of long ago now show the greatest signs of wear. The former heavy ones are thin and the thin ones are now heavy. Some of the quiet, shy ones are no longer quiet and are capable of making fine speeches as they reminisce about our shared experiences - the cars that we drove, the teachers that taught us and the places that we went.

Some of the folks traveled far to be present and share fellowship with classmates. They came from Florida and Louisiana, plus nearby states of New Jersey and Maryland. Although most of us live here in Lancaster County, we find that our paths seldom cross in our daily lives.

Talking about anniversaries, I was quite impressed when my husband's aunt told me that this year is her 82nd year since graduating from Maytown High School in 1901. She walked from her farm near Donegal to the school and was one of only a few girls in her class. She will be 99 years old this fall and remembers events very clearly. Compared to her, I should feel like a youngster as I still have 37 years until my 82nd reunion.

Montgomery SCS gets no-till drill

NORRISTOWN — The Montgomery County Conservation District will be leasing a 10-foot-wide Tye no-till Drill for no-tilling soybeans and re-seeding pastures and haylands. The drill will be available to Montgomery County landusers for a flat rate of $10.00 per acre.

The USDA Soil Conservation Service (SCS) will be coordinating the scheduling of the no-till drill for the Conservation District. The Conservation District Directors feel that this will be an excellent opportunity for Montgomery County farmers to re-seed those pastures and haylands that they were afraid to plow due to the hazard of excessive erosion.

The no-till drill will also provide crop farmers an opportunity to try no-till soybeans after barley and wheat.

Interested parties should contact the Soil Conservation Service at 1725 Markley Streetm Norristown, Pa. 19401 - phone 279-1178 for details.

Ayrshire, Jersey, Brown Swiss Club meets

MT. JOY — The Ayrshire, Jersey, Brown-Swiss Club met at the home of George Gordon on June 13.

Guest speaker was Extension agent Glenn Shirk who demonstrated how to clip heifers. Each member then had opportunity to practice clipping.

The next meeting will feature a showmanship workshop at the home of James Spickler, July 11.

New Holland Beef club holds demonstration

NEW HOLLAND — The New Holland Baby Beef 4-H Club met recently at the home of Roy Weaver for a showmanship demonstration.

Larry Weaver and Extension agent Chester Hughes conducted the program.

The next meeting will be a picnic and swimming party at the home of Bob Martin on July 19.

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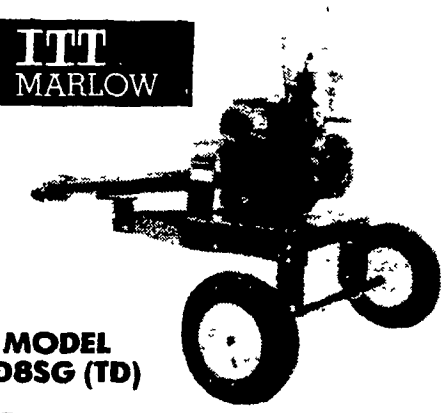

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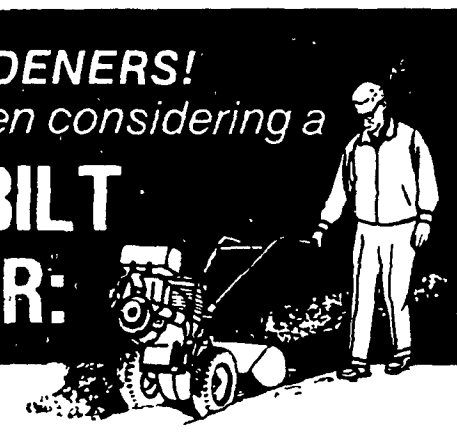

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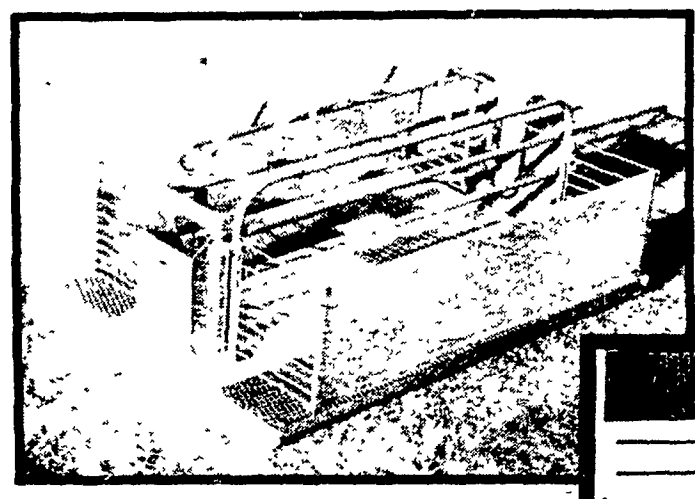

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Would the sky fall for chickens with soybeans?

ST. LOUIS, Mo. — Chickens eat a lot of soybean meal.

At last count, U.S. broilers, hens, pullets, chicks, and turkeys consume more than eight million tons a year.

About 95 percent of the total plant protein concentrate used in poultry feeds is soybean meal. The meal is used in all types of poultry feeds, not only in the United States, but in almost every country that produces poultry on a commercial scale.

As University of Arkansas poultry scientist Park W. Waldroup says, "It's difficult to realistically consider any other protein supplement as being a major replacement for soybean meal at the present time."

This total reliance on soybean meal has some people worried, says Waldroup. What would happen to the poultry industry if disease or bad weather cut soybean supplies?

Although a number of other protein sources are available, most lack the potential for supplying large amounts of protein in the near future, Waldroup says.

According to American Soybean Association animal nutritionist Ken Lepley, potential substitute crops each have problems. Cottonseed meal contains a toxin. Peanut production is limited to certain areas.

Safflower and sesame meals could be used, Waldroup says, but are produced in such small quantities, or aren't suitable for large-scale production, that they wouldn't be of much help under present conditions.

The three prime candidates for soybean meal replacements are cottonseed, sunflower and rapeseed meals. Cottonseed meal is considered a protein source for ruminant animals, Waldroup says, although the meal makes up about nine percent of the total protein supplement for poultry.

Poultry feeders have steered away from cottonseed meal because it contains gossypol, a pigment toxic when present even at low levels.

"In layer hens, it causes a discolored egg yolk," Lepley says. "The toxicity limits the use of normal cottonseed meal for poultry rations. Cottonseed meal is also deficient in the amino acid lysine."

As for sunflower seed meal, Waldroup says, the predicted production boom of the 1970s hasn't yet materialized. But sunflower meal still has potential to become a major contributor to poultry feeds.

"Before this meal will be used extensively in poultry feeds, more of the hulls need to be removed to increase the energy and protein content," Waldroup says. "At present, there is little incentive for sunflower seed processors to do this."

Canola or rapeseed meal is typically lower in protein and energy for poultry than soybean meal. Waldroup says. A goal of scientists working to develop rapeseed varieties with a thinner seed coat is to reduce fiber and increase energy content.

"Unless some major disaster occurs, it is unlikely that any of these meals will seriously challenge soybean meal's role as the primary protein source in poultry feeds," Waldroup concludes.

We can't do much about a weather disaster, but what is the possibility of a disease wiping out the U.S. soybean crop?

Says University of Missouri agronomist J. Milton Poehlman, "I just don't think a genetic disaster is going to happen as some people predict. After all, they've been growing soybeans in China for thousands of years.

"It's true we are losing many of the native types of soybeans, which grow like weeds in China," Poehlman continues. "But we have a worldwide network and facilities to maintain our germplasm collections. We have narrowed the selection of varieties, but we've built a diverse genetic background into those varieties. And we know how to use this genetic variability."

So chickens of the world, rest easy. It doesn't look like the sky will fall on soybeans.

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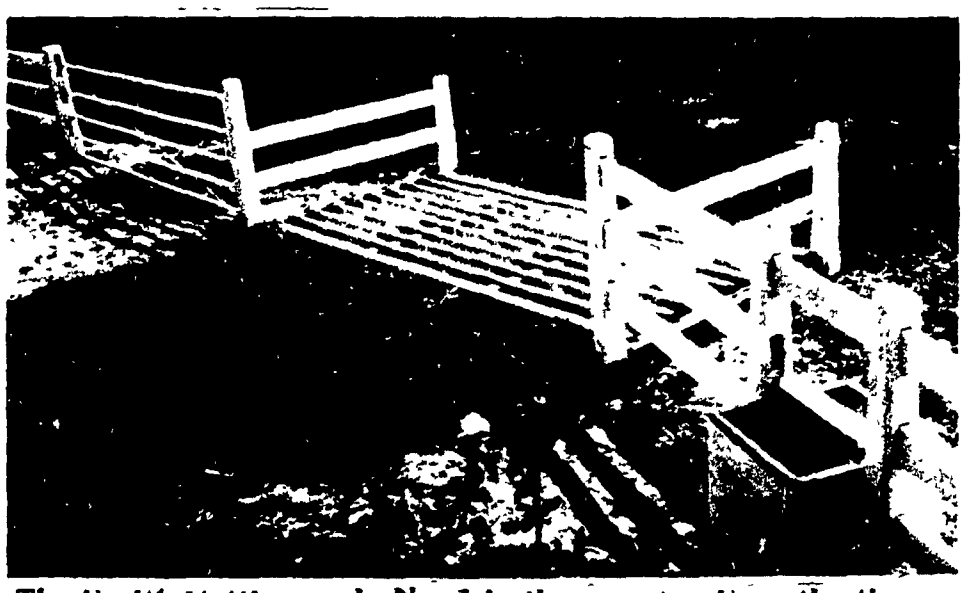

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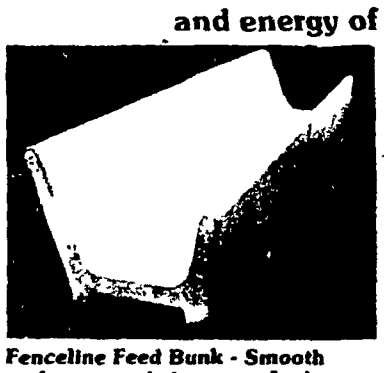

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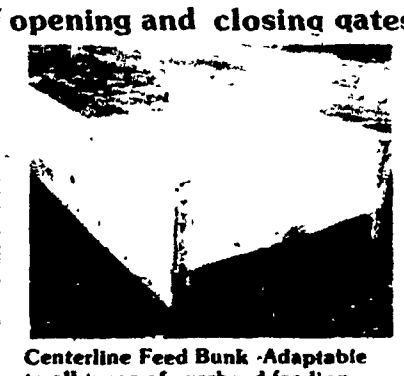

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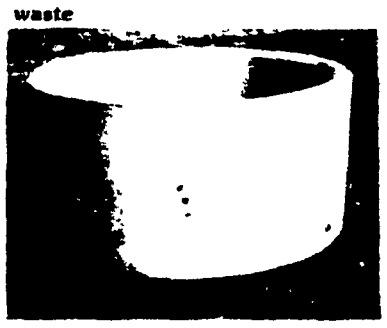

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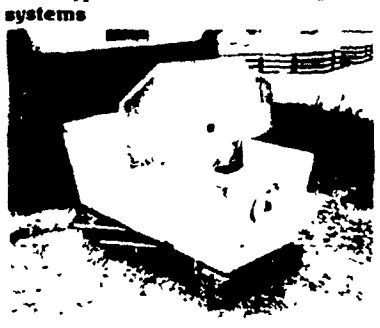

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Roxanne Gabel wins Perry crown

BY JOYCE BUPP
Staff Correspondent

NEWPORT — Perry County has a new dairy princess: Roxanne Lea Gabel, of Newport. Alternate princess is Patti Dum, of Elliottsburg, and other members of the dairy court are Brenda Hummel and Melinda Innerst.

Roxanne was crowned as the highlight of the annual pageant, held last Saturday evening at Newport Fairgrounds, in conjunction with the annual Perry County Arts and Crafts Heritage Day.

Although a downpour lashed the opening of the pageant on the fairgrounds stage, about 200 braved the summer storm to applaud the interviews and question-answer sessions emceed by county agent John Harris.

The new princess is the daughter of Mr. and Mrs. Robert T. Gabel, of R1 Newport. She is a 1980 graduate of Newport High School and is currently employed as a clerk-typist at the Mechanicsburg Defense Depot.

Her 4-H activities have included dairy and cantaloupe club projects, and she was a member of the Wila Community Club. Roxanne participates in the Perry County Junior Holstein Club activities and is active with the Wila United Methodist Church, where she is church pianist, a Sunday School teacher and coordinates the youth fellowship.

In answer to her "fish-bowl" question on the biggest contribution that a dairy princess makes, Roxanne said that a milk promotion spokesperson should not only promote dairy products, but also the positive image of the dairy farmer.

First-alternate Patti Dum is the daughter of Mr. and Mrs. Donald Dum, R1 Elliottsburg. A 1982 graduate of West Perry High School, she has completed one year of study at Harrisburg Area Community College. Majoring in banking and finance, Patti hopes to pursue a career with the Farm Credit system.

A member of the Perry County Junior Holstein Club, Patti's 4-H projects reflected her dairy interest and she completed projects in dairy and dairy goat clubs, plus sewing projects. An active member of Messiah Lutheran Church, she is a member of the church's volleyball team.

During the pageant program, outgoing princess Kimberly Kreibel reviewed her year representing Perry County's dairy farmers and expressed thanks for the widespread support given her reign.

Judges for the pageant were Kathy King, and Joyce Bupp, York county dairy farmers, and Lynn Tilton, senior editor of Pennsylvania Farmer magazine.

A cow milking contest pitted area celebrities against one another in filling the milk pails, and entries in a dairy dessert contest were sampled by the audience following the princess pageant ceremonies.

Perry County's dairy princess and her court will help promote the milk industry during the next year. Seated left is princess Roxanne Gabel, and alternate Patti Dum. Standing, left, is Brenda Hummel and Melinda Innerst.

Schuylkill Co. crowns Reichwein

POTTSVILLE — Meladee Reichwein, R1 Ashland, was crowned 1983 Schuylkill County Dairy Princess, here, at Boscov's Auditorium, Fairlane Village Mall, recently.

Meladee, a daughter of Mr. and Mrs. Raymond Reichwein, is a senior at North Schuylkill High School where she is active in the band front, chorus, ecology club, F.B.L.A. and National Honor Society. Meladee will participate in the State Dairy Princess Pageant during September at Harrisburg.

Dawn Spiece, R1., Zion Grove, was named Alternate Dairy Princess. Dawn attends West Hazelton High School and is a daughter of Mr. and Mrs. Clyde Spiece. She is a member of advanced chorus and church choir, a Sunday School teacher, and president of Nuremberg 4-H.

Both girls will attend a training seminar, July 11-13, at Lycoming College, Williamsport.

Ernest Miller, Berks Co. dairy farmer, served as master of ceremonies.

Anne Daubert, 1982 Schuylkill County Dairy Princess, gave her farewell address. The daughter of Mr. and Mrs. Ronald Daubert, R1., Pine Grove, Anne was escorted by Kent Heffner, also of Pine Grove.

Melanie Brown, Pine Grove, provided music for the pageant.

Judges included: Phoebe Bitler, Berks Co. home economist; Ronald Dietz, associate professor, Penn State University, Schuylkill Campus; Josephine Rosenberger, former assistant to dean of student affairs, Penn State University, Schuylkill Campus.

4-H'ers renovate Schuylkill Co. farm

SCHUYLKILL HAVEN — The "old" Schuylkill County Farm located aside of the Penn State Schuylkill Campus is undergoing a face-lift. County 4-H'ers, leaders, and other volunteers are staging a massive renovation effort to turn the "old" farm into a "new" fairgrounds. Their efforts will be rewarded with the first Schuylkill County 4-H Fair on August 5, 6, and 7.

The last time the 4-H Clubs were involved in a Schuylkill County Fair was in the 1930s. The fairgrounds were located where Cressona Aluminum now stands. In an effort to revive the County Fair in Schuylkill, the 4-H Clubs have taken their first step this year in preparing for their first 4-H Fair. Over the next few years, various classes will be open to the public in an effort to qualify for Pennsylvania Fair Funds. Twenty-five percent of the total classes must be open to the public to qualify. The Fair funds will than be received only after a three-year waiting period.

The 4-H Clubs are seeking agriculture related exhibits for display indoors or outdoors such as: Future Farmers of America, Future Homemakers of America, Grange, farm equipment, etc. Educational exhibit set-up is free. Commercial exhibits cost will be $25, plus 10 percent of any profits. To date, the Schuylkill Conservation District, Soil Conservation Service, Cressona Agway, Koch's Farm Supply, PA Department of Agriculture, Berks-Lehigh Farm Credit, and the Schuylkill County Dairy Association have reserved indoor booths. About 10 additional indoor 10' x 10' spaces with electricity are still available. Outdoor space is virtually limitless. Call Craig R. Morgan, 4-H agent, at 385-3431 to reserve your space today.

The schedule of events for the Fair is all but finalized. The 4-H Fair will open at noon on Friday, August 5.

Biesecker wins Franklin dairy crown

BY BETH HEMMINGER
Staff Correspondent

CHAMBERSBURG — Allison Biesecker, 17, was recently crowned the 1983 Franklin County Dairy Princess at Kauffman's Community Center, Kauffman.

Allison is the daughter of Mr. and Mrs. Roy Biesecker, Waynesboro. She is a 1983 graduate of Waynesboro Area Senior High School. Presently the new princess is working on the family farm, but this fall will enter Delaware Valley College, Doylestown, where she plans to major in either animal or dairy husbandry.

Allison was crowned by Michelle Martin, last year's princess. Upon relinquishing her title, Michelle plans to attend Shippensburg State University as an elementary education major.

A first for the Dairy Princess Contest was the presentation of the Earl Strine Memorial Award for the best onstage performance in honor and remembrance of the late Earl Strine, who served on numerous agricultural committees including Farm-City Week, Franklin County Fair Board, and master of ceremonies for the dairy princess contest.

Allison won the first annual Earl Strine Memorial Award for her onstage performance and presentation about the versatility of milk.

Allison Biesecker, center, is the new 1983 Franklin County Dairy Princess. April Martin, right, is the first runner-up and to the left, Deborah Cashell was crowned the second runner-up. The Princess and her court were recently crowned at the 16th annual Franklin County Dairy Princess Contest held at the Kauffman Community Center.

Chosen as first runner-up was April Martin, 17, daughter of Mr. and Mrs. Donald Martin of Chambersburg.

Another first at the dairy princess competition was the selection of a second runner-up. Winning the title of second runner-up was Deborah Cashell, 17, daughter of Mr. and Mrs. George Cashell, Chambersburg.

A second runner-up was chosen due to the responsibilities and travelling involved for the dairy princess. Miss Cashell will share alternative duties with Miss Martin.

Other contestants for the title were Kimberly Timmons, 17, daughter of Mr. and Mrs. Daniel Timmons, Greencastle and Sandra Offutt, 16, daughter of Mr. and Mrs. Franklin Offutt, Dry Run.

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Manor FFA forming alumni unit

MILLERSVILLE — Seeing an opportunity to promote a greater knowledge of the agricultural industry and support education in agriculture, former members of the Future Farmers of America, parents and others launched a major drive this week in the Penn Manor area to form an FFA Alumni Association.

The aim is to provide a mechanism whereby the Alumni members can actively promote and support the FFA organization, FFA activities, and vocational agriculture.

The local drive is part of a State and National effort currently underway to unite those interested into the FFA Alumni Asociation.

"Since the FFA Alumni Association is a newly formed organization, those who will join now will be the charter members of the Penn Manor FFA Alumni Association," said Merv Keagy, acting president of the local organizational effort, "and we would like to have as many charter members as possible."

"We seek the help of every potential member in the area to organize and charter the local FFA Alumni Association," said Merv. All former, active, collegiate, or honorary FFA and NFA members, present and former professinal vocational agricultural educators, parents of FFA members, and others interested in the FFA are eligible for membership.

"It's hard to estimate the number of potential members in this area," he said, "But we hope to have at least 20 members by our first meeting."

All are invited to attend a special meeting at Penn Manor High School on Sunday, July 10, at 2 p.m. for the purpose of organizaing the local FFA Alumni Association. Anyone who cannot attend is urged to contact Merv Keagy at 684-6186 or Steve Main at 872-5630 for more information.

Lebanon Co. elects FFA officers

LEBANON — Annville-Cleona High School was the site of the Lebanon County FFA officer elections. Two members from each of the five Lebanon County Chapters could run for an office.

The two delegates from Cedar Crest were Jeff Zuck, and Ann Lansberry. Jeff Zuck was elected Vice-President and Ann Lansberry was elected Secretary. They will represent Cedar Crest at future Lebanon County FFA meetings.

The other 1983-84 Lebanon County officers include:

Todd Fies, Annville Cleona, President; Tom Inman, Annville-Cleona, Treasurer; Marlin Deavon, Northern Lebanon, Sentinel; Karl Smith, Elco, Chaplin; Heather Hernley, Northern Lebanon, Reporter; Tammy Weaber, Vo-Tech, Asst. Reporter; Scott Condran, Elco, 2nd Vice President; Cindy Heisey, Vo-Tech, Parliamentarian.

Kennard-Dale cites winners

FAWN GROVE — Sixteen members of the Kennard-Dale FFA Chapter last week attended the 1983 State FFA Activities Week at Penn State.

The dairy judging team of Bill Lowe, Heidi vonLange, and Jon Hash placed second in the state and Bill Boothe placed second in Agriculture Salesmanship contest.

The dairy team won the right to judge at the Eastern States Exposition held in Springfield, Mass. on Sept. 16, 17, and 18. Individually, Bill Lowe placed second in the state contest, Heidi vonLange placed 12th, and Jon Hash placed 23rd. Lowe and vonLange won Gold medals and Hash won a Silver medal.

Bill Boothe by placing second in the Agriculture Salesmanship contest won a Gold medal.

Other winners were John Williams with a 15th Bronze placing in the Wildlife contest and Brian Eckersley with an 18th Honorable Mention placing in the Small Gas Engines contest. Randy Sizemore and Scott Cooper were York County delegates to the State Convention serving on various State committees. Other members who participated were Brian Klinedinst and Steve Sliger in Land Judging, Jim Godfrey in Small Gas Engines, Tim Miller in Tractor Driving, Bob Boothe in Ag Mechanics, Barbara Bush and Lorette Cooper in Dairy Products, and Ron Wilson was an officer candidate. The group was chaperoned by agriculture teachers David Allen, Ralph Travis, and Charles Wright, and Mrs. Jane Travis.

Hesston Contest open to FFA

HESSTON, Kan. — Future Farmers of America are invited to enter the 1983 "Salute to Agriculture" contest sponsored by Hesston Corporation. Winners will receive cash prizes and commemorative belt buckles of the National Finals Rodeo.

Entry forms for the contest are available from state and national FFA offices, Hesston dealers and from Hesston Corporation. Entries must be postmarked no later than September 30.

Contestants are asked to write a "Salute to Agriculture" in 100 words or less about the role farmers and/or ranchers play in improving the economy and standard of living in North America. The message should emphasize the good job the farmer is doing.

Hesston plans to develop artwork for the winning "Salute". It will be distributed through the Hesston dealer organization and given media exposure.

A 1983 Hesston National Finals Rodeo commemorative belt buckle will be awarded to 10 finalists. The winner will receive $500 in cash. Two second place winners will be awarded $250 each, and five third place awards will be announced at the National FFA Convention in November in Kansas City.

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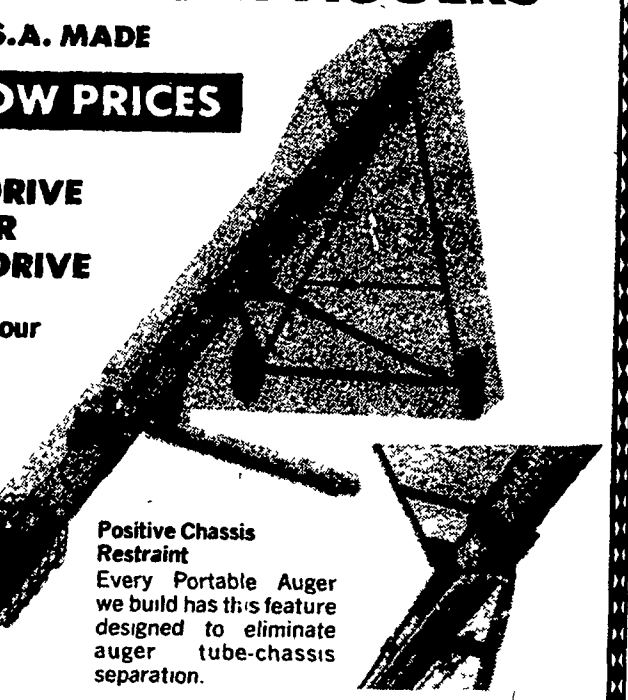

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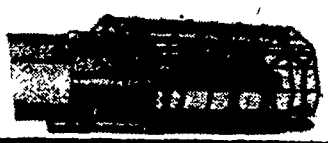

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Franklin women give to handicapped

Margaret Mellott, Orrstown, president of society #3 of the Franklin County Society of Farm Women, is presenting a check for more than $1,000 to John Hart, St. Thomas, president of the Horsemanship for Handicapped, while Martha Crider, Shippensburg, and Doris Brenize, Shippensburg, look on. The money was raised by the Farm Women in a fund raising drive for the benefit of the Horsemanship for Handicapped.

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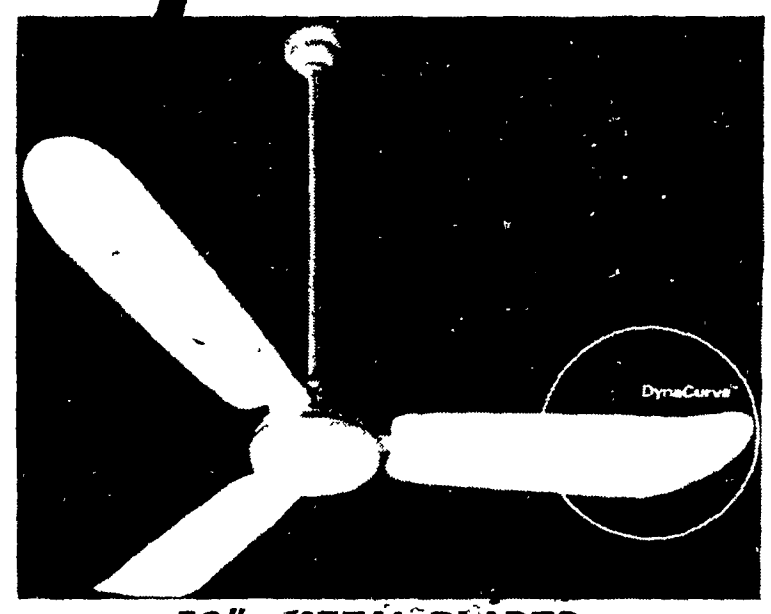

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Wool Pool pulls in wool!

By Harold Shelly

DOYLESTOWN — Trucks, cars and station wagons lined Oakland Street, adjacent to the Doylestown freight station early one morning recently, for the Bucks County Wool Pool.

Members of the wool pool from Bucks and Montgomery counties were bringing the end result of a year's hard work to the station for grading, bagging and shipment. The fleeces were transported in the family sedan, station wagon or the farmer's truck, depending on the size of the flock. There are several professional sheep raisers in the pool, but the majority are people with two to a dozen sheep, who have them, in a lot of cases, just to keep the grass out.

A team, which varied in size from 12 to 20 persons, unloaded the vehicles, graded the wool and separated it into various classifications. Each shipment was recorded and weighed. The wool was bagged, weighed again and loaded into a freight car for transport to the woolen mill in South Carolina.

Mike Fournier, Bucks Extension agent, said that the wool is purchased each year at the Pennsylvania annual wool sale at State College. This event, held in April, brings together representatives of wool pools around the state and buyers from major woolen manufacturers.

The buyers are invited by the president of the Pennsyvlania Sheep and Wool Growers Association to bid. Every buyer submits a sealed bid for the wool from each pool. The statewide total usually amounts to between 500,000 and 750,000 pounds, and the buyers are bidding on the basis of last year's production.

Prices for this year's wool range from 52 cents a pound for fine staple which is used for clothing, to 5 cents a pound for tags, which are shorter than one inch, usually dirty and used in a felting process.

The wool pool has become an annual tradition for several people. Professor James Diamond, chairman of the ag science major at Penn State, returns to Doylestown every year to take part. He stopped jamming wool into a bagging machine long enough to say that he has been doing this every year since 1962, and comes back to see old friends and renew acquaintances. Diamond formerly raised sheep on a farm in Ottsville. .

The closest anyone could estimate the age of the pool was to say, "It's been in existence since the 1940s." Pool Vice President Warren Landis made this statment as he busily weighed and marked each bag of wool with the weight, the shipping number, the kind of wool and its use, just before it was loaded onto the rail car. Landis, and his daughter Irene, raise 200 sheep on a farm near Franconia.

This shipping schedule was adhered to as closely as possible. Grading and weighing began at 7 a.m. and continued non-stop until 4 p.m. The larger producers were scheduled early in the day, and those with 300 pounds or less came in the afternoon. At times the line of vehicles extended two blocks from the freight station.

Treasurer Fred Haentze said that expenses incurred by the pool were defrayed in part by the sale of wool to home spinners at $1 per pound. He said the one expense that doesn't vary too much over the years is the amount of coffee and donuts consumed by the workers.

Successful bidder for this year's crop of wool was Prouvost, LeFebvre Co., Inc., of Jamestown, South Carolina. Pool President William Rockafellow said that the car was filled, and the total amount of wool shipped by the 200-member pool was 28,000 pounds.

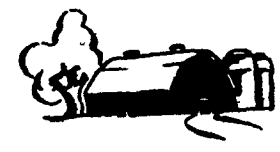
Bucks County Extension agent Mike Fournier, center, grades the wool with the assistance of Cheryl Fairbairn, Chester County Extension agent and Rod Gilbert of DelVal College.

George Rockafellow and his brother John load the heavy bags of wool in waiting freight cars.

A team of 12 to 20 people helps unload the packed vehicles. From there the wool is graded, separated, and weighed.

Professor James Diamond, left, surveys a pile of wool as Bill Rockafellow stuffs another arm full in the packager.

Wool, wool everywhere! In the forefront is a pile of wool just unloaded from one truck, while another waits in the foreground to be eased of its burden.



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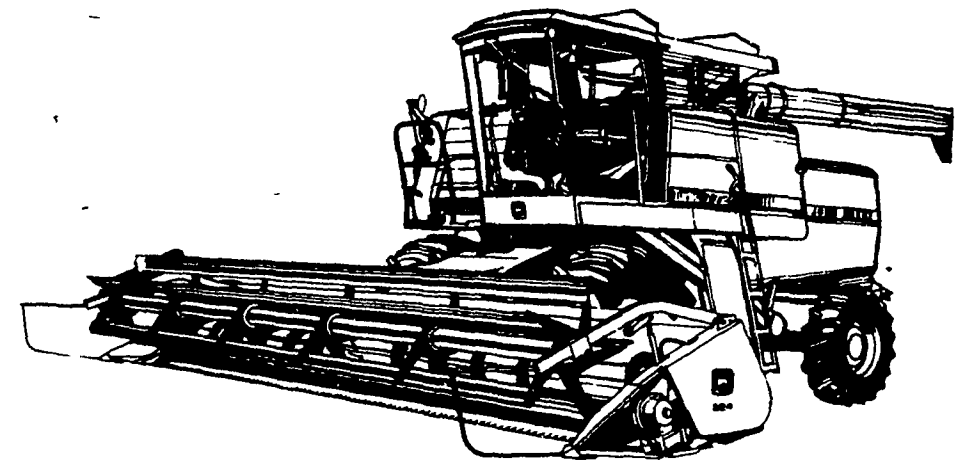

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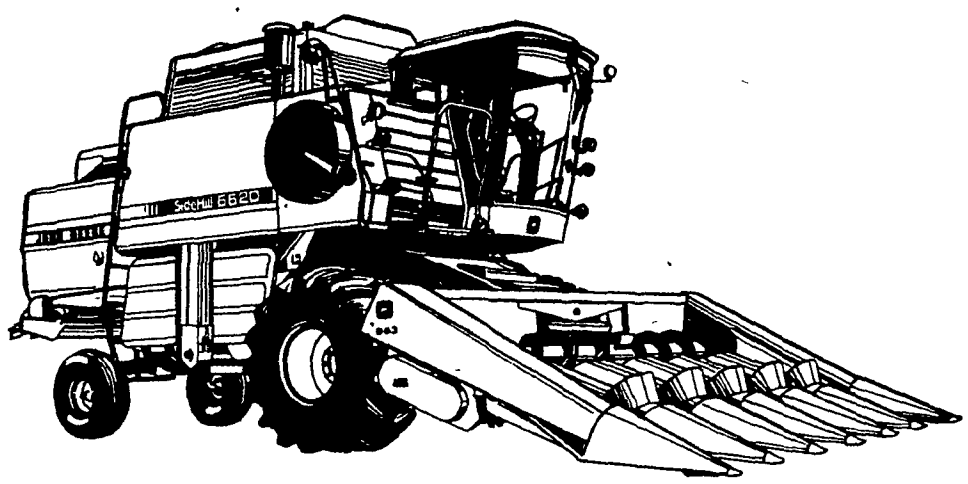

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Swedish IFYE delegate visiting in Maryland

COLLEGE PARK, Md. — When Bjarne V. Svederus visits the state 4-H conference next week (June 27-30) at the University of Maryland, he might be coaxed into sharing a Swedish game or folk dance connected with Midsummer Night, a traditional festival celebrated June 25 and 26 in his native land.

Or, he might be persuaded to share some insights about Flag Day in Sweden, marked each year on June 6 — just eight days ahead of Flag Day in the United States, but with a history which predates the U.S. observance by 254 years.

At state 4-H conference time, Bjarne will have finished nearly 2/3 of a three-month Maryland visit under auspices of the International 4-H Youth Exchange program. In August, he'll go to Nebraska for a similar three-month experience.

Raised on a 91-acre grain and pig farm in a land where consumer and farmer-owned cooperative organizations traditionally have been strong, the 24-year-old Swede is staying in Maryland on the upper Eastern Shore and in the Baltimore area.

His family farm is located at Balsunda near Orsundsbro in Uppsala land, about 45 miles northwest of Stockholm. This is a coastal lowland area near the Baltic Sea. It is situated on the upper reaches of Malaren, a large freshwater lake which reaches all the way to Stockholm.

The most important city in Bjarne's home area is Uppsala, a very historic place which was once the capital of Sweden. It's also the site of the country's biggest university, which includes Ulltuna — Sweden's most important agricultural school.

Bjarne was involved in college preparatory study and office work prior to his U.S. visit. But upon returning to Sweden in the fall, he hopes to start in a new direction as an architecture student at Gothenberg. He has had 50 months of military training and taken vocational courses in carpentry.

At home on the farm, Bjarne's father raises small grains and farrows two litters of pigs annually from each of his 15 sows. The big white hogs are Swedish Landrace and English Yorkshire crossbreds.

In recent years, Bjarne said, many Swedish farmers have tried upgrading their swine herds in a three-way crossbreeding program with the introduction of large black pigs from England — probably Essex or Berkshire.

Animal welfare legislation has been passed in Sweden in recent years, Bjarne reported, but these laws apply primarily to gross mistreatment of farm animals.

More strict are the water pollution regulations which require each Swedish family in rural ai eas to purify all of its waste water. This purification process is accomplished with a series of settling tanks.

During the 20 years or so that the water pollution laws have been in effect, large lakes like Malaren have been made fishable and swimmable despite a high population of livestock farms on its shores. However, there is still enough manure in storm-water runoff to cause some problems with algae growth on the lake.

Bjarne spent the first three weeks of his Maryland visit (May 12-June 2) with the William B. Kilby family, a dairy farm operation at Colora. He is currently spending 3½ weeks (June 2-26) with the E. Theodore Kimbles, a rural nonfarm family at Barclay.

Then it's three days (June 27-30) at the state 4-H conference and 2½ weeks (June 30-July 16) with the Wayne C. McGinnis family, a beef cattle operation at White Hall. Bjarne will wind up his Maryland visit by spending two weeks (July 7-31) with an inner-city family in Baltimore.

Bjarne V. Svederus, right, International 4-H Youth Exchange delegate from Sweden, gets a lesson in swine conformation from William A. Curry, Extension livestock specialist at the University of Maryland in College Park. Curry is holding a scale model of "Jasper," a pig which won the National Barrow Show several years ago at Austin, Minn. In U.S. hog circles, Jasper is still considered "the perfect market barrow."

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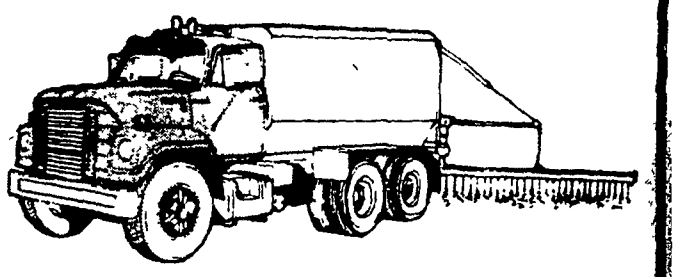

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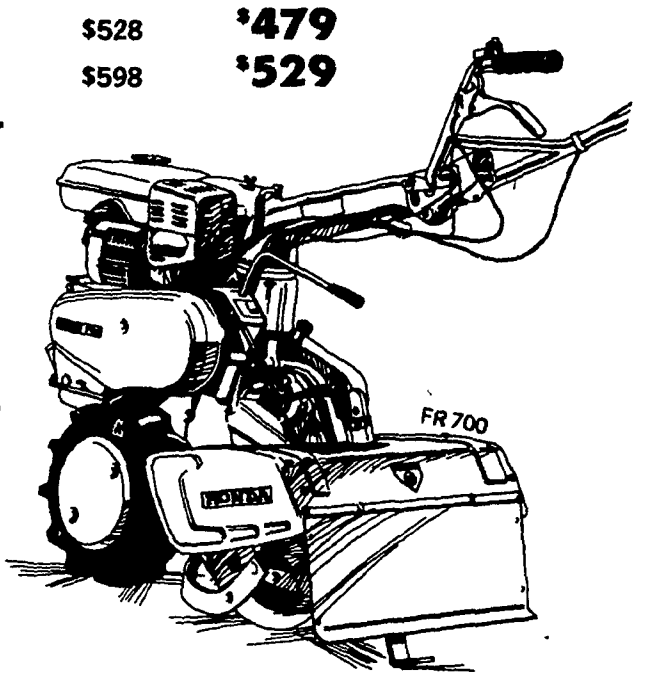

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Luella Smith is the new Blair County Dairy Princess. With her is, from left, last year's dairy princess Kimberly Hoover, and Alternates Julie Kensinger and Alice Smith.

Luella Smith wears Blair dairy crown

BY PATTY GROSS MOCK
Staff Correspondent

WILLIAMSBURG — Seventeen-year-old Luella Smith was named the 1983-84 Blair County Dairy Princess Friday night, during ceremonies at the Williamsburg Elementary School.

Luella, the daughter of Donald Smith of R2 Martinsburg, was chosen from among three young women competing for the title of Blair County Dairy Princess.

Serving as an alternate will be Julie Kensinger, 16-year-old daughter of Mr. and Mrs. Daniel Kensinger of R1 Roaring Spring. Alice Smith, 17, of R1 Tyrone was also selected as an alternate. She is the daughter of Mr. and Mrs. J. Revere Smith.

Luella Smith's family operates two farms outside of Martinsburg. The senior at Central High School helps when needed on the two farms of 160 acres and 170 acres. The family milks 90 Holsteins and have 110 heifers and calves. Luella has four brothers and three sisters, some of whom work the family farm.

The new princess plans to continue promoting the dairy industry as her sister Lottie did 11 years ago as Blair County dairy princess. She is looking forward to making the public aware of the wholesomeness of dairy products. Luella will be visiting school children, banquets, fairs and parades promoting the industry.

During the pageant, Luella performed an aerobics routine followed by a talk on the goodness of milk. A high school cheerleader, Luella also stays fit by marching in the high school band and playing on the volleyball team. She is a member of the student council, national honor society and St. Matthew's Lutheran Church. The young princess has also completed a course at the Barbizon School of Modeling.

Miss Kensinger is a senior at Central High School, where she is a member of the drama club. She is secretary of the Central Cove FFA Chapter, an active member of the dairy judging team, 4-H and St. Matthew's Lutheran Church.

Selected as the 1982 Blair County Outstanding Senior Girl, alternate Alice Smith has carried 4-H projects in cooking, sewing, photography, pet care and small engines. She is a member of the 4-H dairy club and has participated in the Penn State dairy judging contest and Pennsylvania Holstein Association judging competition.

Last year's Dairy Princess Kimberly Hoover relinquished her crown as she thanked the crowd of over 300, including the dairy promotion committee, local dairy farmers, and her family. She reflected on her activities over the past year, stating that the greatest thing she has ever done is represent area farmers. Wishing her best of luck and urging support, Kim crowned Luella as the

(Turn to Page B26)

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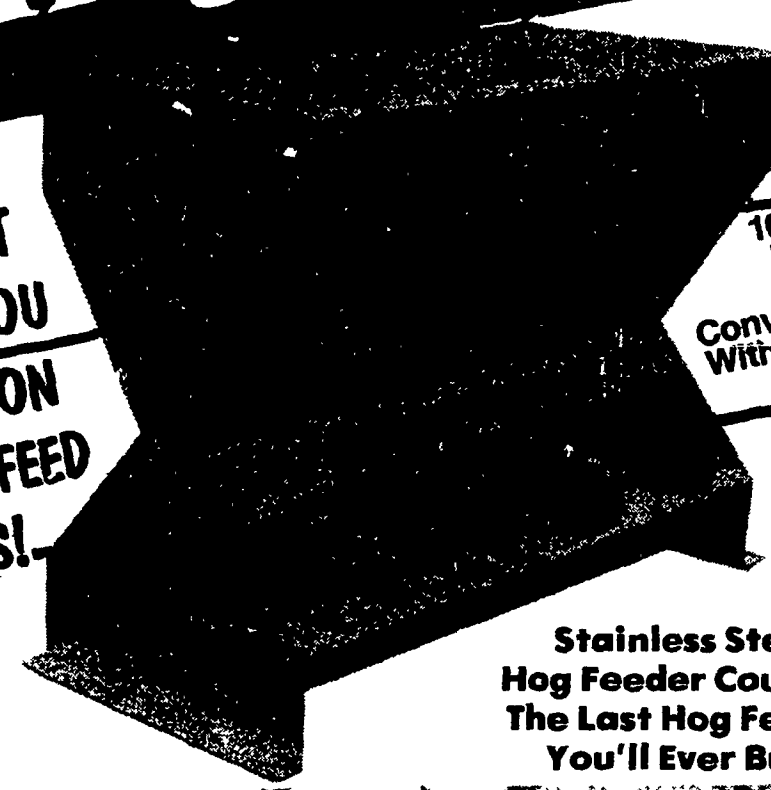

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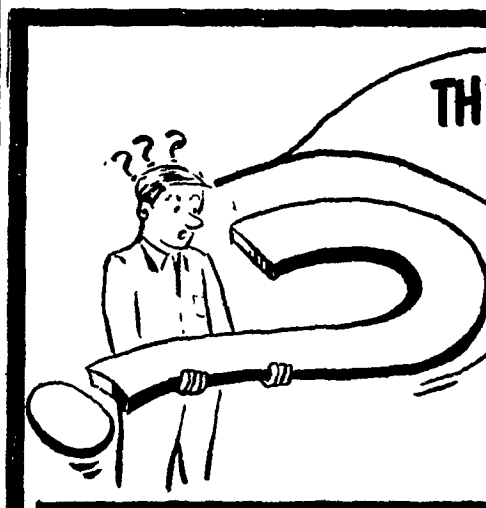

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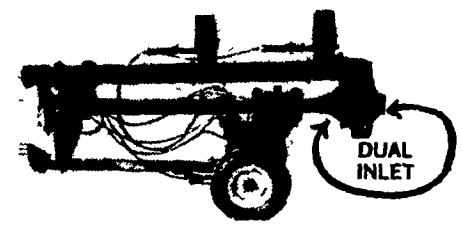

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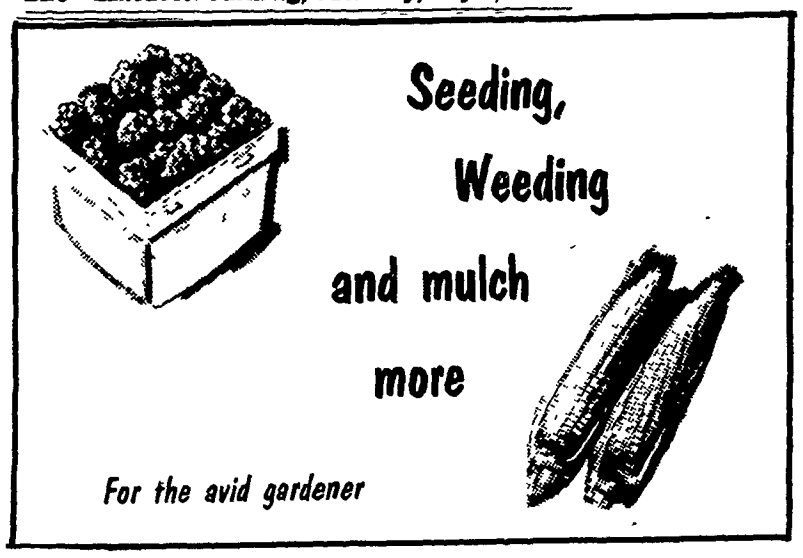

Use annuals for summer color

There's nothing like a good selection of annual flowers to brighten a summer lanscape. These versatile plants are a great source of quick, easy, inexpensive color. Grow them in beds along the foundation of a house, along walks or drives, or in planters and window boxes.

Since flowers often show up best against a dark or contrasting background, University of Delaware Extension garden specialist Dave Tatnall suggests planting them in front of evergreen shrubs, walls or fences.

Annuals make excellent edging plants. In the sun, try ageratum, alyssum, dianthus, dusty miller, marigolds, petunias, phlox, snapdragons, verbenas or zinnias. In the shade use flowering tobacco, coleus, pansies, vinca rosea or everblooming begonias.

Built-in outdoor planters have become popular for porches, apartment balconies, walls and patios. Annuals for these should be free-flowering and have a long period of continuous bloom. Tatnall suggests marigolds, petunias, salvia, snapdragons, verbenas and zinnias. Tubs and urns made of clay, plastic or redwood can also be used as planters.

In planters, annuals are effective combined with evergreen shrubs, or with each other. Try mixing ageratum, sweet alyssum, begonias, coleus, marigolds, petunias, snapdragons or zinnias.

People who live in townhouses or crowded neighborhoods can enjoy annuals even if they lack garden space. The old fashioned window box is still a good bet. Consider light needs and heat tolerance when selecting plants for this use. Some of the best are sweet alyssum, begonias, coleus, impatiens, nierembergia, petunias, salvia, snapdragons, French marigolds and dwarf zinnias.

Master gardeners plan vegetable meeting

EBENSBURG — Cambria County's Master Gardeners, Cooperative Extension volunteer Staff, will hold an evening gardening meeting Wednesday, July 20, 1983, 6:30 p.m. at the county vegetable plots. (These are located past Laurel Crest Manor, Loretto Road, Ebensburg, follow signs.)

Items to be covered include weed control, mulching, varieties, disease control and other garden management practices. This will be an informal session. And all interested are invited to come to "learn and share" concerning vegetable gardening.

A good garden contributes to the well-being of the family by supplying foods that might not otherwise be provided. Also it has been estimated that the average family can save several hundred dollars annually on food costs by growing and processing their own fruits and vegetables. Gardening also is an interesting hobby, it provides healthful out door exercise, it offers productive activity for handicapped or disabled persons and is an excellent way to teach children about growth and reproduction. Gardening is an activity where the entire family can work together. It is impossible to measure some of the factors in dollar value.

Successful gardens do not just happen. They are the result of proper planning and planting, good management and careful workmanship. Any garden endeavor you attempt will be only as good as the planning, work, energy, and enthusiasm which you put into it.

The "Master Gardener" program is designed to make available additional help so that more gardeners know the proper management practices. Some of these basic management procedures will be covered in the July 20th meeting.

Don't forget you can get additional help from Cambria County Cooperative Extension's Master Gardeners. They are: 1. Charles Pease and 2. Joe Link both of the Ebensburg Center, Rt. 22, Ebensburg - call Wednesday, Thursday and Friday, 8 a.m. to 9 p.m. 472-7350 Ext. 577 (Ebensburg Center). 3. Edward Niemiec, R.D. 1, Box 388, Portage, - call Monday, Tuesday evening 8:30 to 9:30 p.m. 736-8900 (home). 4. Tony Capon R.D.4, Box 405, Ebensburg - call evenings 472-6514 (home). 5. Earl Giraulo 120 W. Lloyd St., Ebensburg.

Please call only at specified times.

This is part of the Agricultural Program of the Penn State Cooperative Extension Service in Cambria County. It is free and open to any interested individual without regard to race, color, national origin, sex, or religion and is also an Equal Opportunity Employer.

Report planted acres by July 15

CHAMBERSBURG — July 15, 1983 is the final reporting date for Corn, Grain Sorghum conserving use acres.

A report of acreage is required to keep your base. If you do not certify your farm will be credited with zero.

This could be important to your future farming operation. This applies to all producers whether or not you enrolled in the acreage reduction program.

Blair princess

(Continued from Page B25)

new spokesperson for the Blair County dairy industry. Luella will take part in the state pageant to be held in Harrisburg in September.

Entertainment for the evening was provided by a "FARMtastic Fashion Show." It was a humerous look at the make believe fashions for farmwives, who must be prepared for anything when living on a farm.

A reception and refreshments followed the crowning of Luella Smith as Blair County Dairy Princess for 1983-84.

Master of ceremonies for the annual event was Douglas Hershey of the Pennsylvania Holstein Association. Judges for the evening were Graham Bell, regional farm management agent; Vera Foster, chairman of the Huntingdon County Dairy Promotion Committee; and Zeta Furry Snowberger, 1979 Bedford County Dairy Princess.

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Farm Women Societies

Lancaster Co. Society 11

Lancaster Farm Women 11 met recently for a fun night in which members were required to wear pajamas to participate.

Members made plans to attend "My Fair Lady" at the Lebanon Community Theatre, and dinner at the Behney House.

The Society plans a swimming party and picnic at Blue Marsh, in July, and also will sponsor a child for camp from Hamburg Hospital this summer.

The next meeting will include an auction. Each member is to bring one pound of any wrapped item.

Lancaster Co. Society 26

Lancaster Society 26 met June 23 at Indian Springs Tennis and Racquet Club to play miniature golf.

A business meeting took place after the game in the home of Judy Esbenshade, with Marianne Grove presiding and Verna Hostetter conducting devotions.

The August meeting will be a family picnic at 6:30 p.m. at Chiques Church of the Brethren pavilion.

Lancaster Co. Society 27

Lancaster Society 27 met on Tuesday, June 21 at St. Mark's United Methodist Church for a "Special Friend Night," in which each member brought a guest.

May Fellenbaum, Martha Garber, Mary Shenk and Sue Heineman coordinated a slide and music-filled simulated train tour of the United States.

Other entertainment for the evening included solos by Deb Good, Marian Garber, and Kris Brent.

President Thelma Wolgemuth led the business meeting and Yvonne Miller delivered devotions.

The Society reports that no meeting will be held in July.

Lancaster Co. Society 31

Lancaster Society 31 met recently at the home of Betsy Whitman, R1, Kirkwood, for a program on gourmet cooking.

Each woman answered roll call with a smell they found delightful.

The July meeting will take place at the home of Carol Groff.

Lancaster Co. Society 34

Lancaster Society 34 met at the home of Denise Glick, June 20, for a fresh flower arranging demonstration by Marcia Harnish.

The November craft fair was discussed. They also agreed to send a donation to the center for abused women and children.

The next meeting will take place July 18 at the home of Darlene Kreider and will feature Mrs. Edwin Bontrager speaking on deaf awareness.

Food prices reflect abundant supplies

WASHINGTON, D.C. — Retail food prices in May rose 0.2 percent before seasonal adjustment, and were 2.4 percent above May a year ago, according to the monthly consumer price index released June 22 by the U.S. Department of Labor.

According to Assistant Secretary of Agriculture William Lesher, food prices in May moderated the overall CPI which rose 0.5 percent. Prices for food bought in grocery stores rose 0.1 percent in May. The price levels for these foods were 1.4 percent above a year earlier. Prices for food away from home rose 0.2 percent in April and were 4.5 percent above May 1982. These changes reflect the continued moderation in food price increases expected this year, he said.

"The rise in food prices is likely to be the lowest in many years, reflecting abundant food supplies, slower increases in marketing costs, and low farm prices," Lesher said.

Retail meat prices decreased by 0.2 percent in May due to large supplies of pork. Pork prices fell 1.8 percent, more than offsetting a 0.7 percent rise in beef and veal prices.

Vegetable prices increased 1.5 percent, primarily the result of higher potato prices. With stocks of fall crop potatoes declining and the spring crop damaged by rain, potato prices rose 9 percent. Even so, potato prices were nearly 12 percent below year earlier levels.

Lettuce prices also rose in May due to supply shortages resulting from wet weather that delayed plantings earlier this year. Tomato prices and prices for other fresh vegetables declined in May.

Egg prices rose 3.9 percent in May, due largely to lower production, as producers responded to low farm prices. Poultry prices rose slightly due to increased demand for broilers for summer cookouts.

Guernsey Assn. to hold ice cream festival

MERCER — The Mercer/Northwest Pa. Guernsey Association will hold its annual Guernsey Ice Cream Festival on Friday, July 8, at the Mercer Co. 4-H Park.

Serving will begin at 5 p.m. and will continue until 9 p.m. The festival is known for its delicious homemade ice cream, made from Guernsey milk donated by the members of the Association. Large helpings of ice cream topped with chocolate syrup or strawberries, served with cake and beverage, attract about 3000 people each July.

Prices will be $2.50 for adults, $1 for those six to twelve, and free to children under age six. This price includes all the ice cream you can eat.

Plan to attend and get a taste of that Golden Guernsey goodness!

Berks Co. Society 6

Berks Society 6 met recently in the home of Bessie Rapp, R1 Oley, to hear Mrs. Randall Hetrick speak on "How to Help a Person that is Choking."

Plans were finalized for a family picnic to take place July 31 at the home of Nora Schweitzer, Limekiln.

The next meeting will take place July 19 at the home of Mrs. Robert Noll, R1, Oley.

York Co. Society 26

York Society 26 met recently at the home of Brenda Grogg with 18 members and a visitor in attendance.

It was announced that eight members attended the Spring [illegible], and a report was made on the bus trip to Chambersburg.

The next meeting will take place July 12 at the home of Judy Muth. Society 21 will entertain Society 26 at Wake Robin Bird Sanctuary in August.

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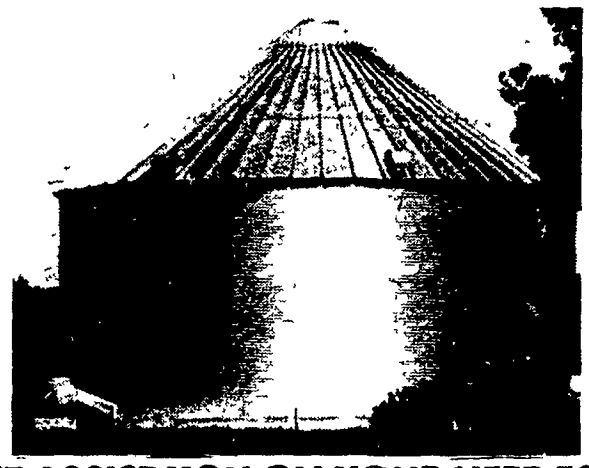

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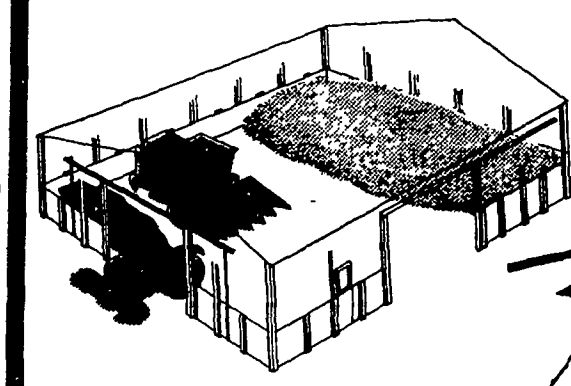

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Pa. Young Farmers convene at Mifflinburg

MIFFLINBURG — The Mifflinburg Young Farmer Chapter is hosting the 1983 State Young Farmer Summer Convention, July 8 and 9. The operations center for the conference will be the Mifflinburg High School. Some 400 Young Farmer members from across the state are expected to attend.

Mifflinburg Young Farmers have been hard at work to make this summer convention the most rewarding ever. A variety of interesting tours and events have been planned.

An open invitation is extended to non-members to join the Young Farmers on their farm-city tours. The tours will feature agricultural enterprises in beautiful Union County. All tours are free and will begin and end at the Mifflinburg High School, 1st and Market Streets, Mifflinburg. Lunch will be provided at a charge for those who desire.

Since Union County has so much to see and do, there is a choice of tours both days. The tour itineraries are listed below:

Friday, July 8 – 12 noon - lunch.

1 p.m.–Tours begin (you have a choice)

Tour A - Pleasant View Egg Farm, Donald and Dan Spangler Dairy, George Bowersox Livestock operation, and the Sterling Crone Christmas Tree Farm.

Tour B - Eugene and Lee Spangler Dairy, John and David Dietrich Dairy, Kuhns Brothers Lumber Company, Groves Mill, and Ken Martin Vegetables.

5:30 p.m. Return to Mifflinburg High School.

Saturday, July 9 – 9 a.m.- Tours begin (you have a choice).

Tour A - San-Be Dairy Farm, James Boop Beef and Crop Farm, Clarence and Ken Beiler Dairy, and Daryl Beiler Hogs.

Tour B - Hackenburg Apiaries, Dock View Dairy Farm, Richard and Duane Kling Crop and Diversified Livestock Operation, and the Buffalo Valley Winery.

12 noon - return to Mifflinburg High School.

David Dietrich of RD 2, Box 466, Mifflinburg is in charge of registration. The registration deadline is Monday, July 4.

PEC attempts to reduce sulfar emissions

LANCASTER — The Board of Directors of the Pennsylvania Environmental Council issued a statement last Thursday supporting immediate efforts to significantly reduce sulfur and nitrogen oxide emissions - the major contributing factors of this country's growing acid rain problem. Experts state that Pennsylvania's rain is the most acidic in the nation and studies conducted by the Pennsylvania Fish Commission indicate that 6,500 square miles of Pennsylvania trout streams are critically acidic.

A position, taken by the Board of Directors at its June meeting in Harrisburg, contained several points. Among these were to call for continued and additional research into the dynamics of acid rain, to work cooperatively with other groups in seeking a resolution to the problem, and to initiate a strong effort to insure that states adjacent to Pennsylvania establish emission standards comparable to the Commonwealth's standards.

"Acid rain's destructive effects on the environment is a major problem of national and international concern," said Eleanor Winsor, executive vice president of the Pennsylvania Environmental Council. "Strategies and solutions to curb the causes of acid rain must be implemented without further delay."

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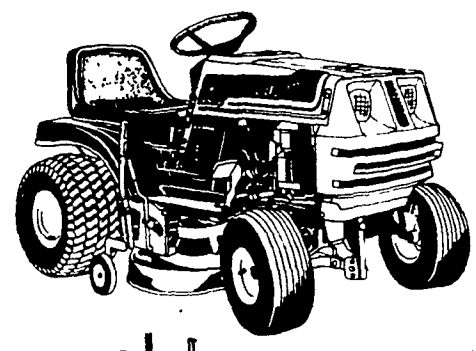

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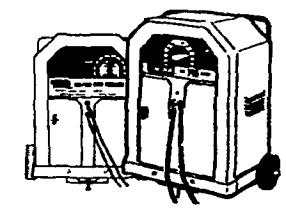

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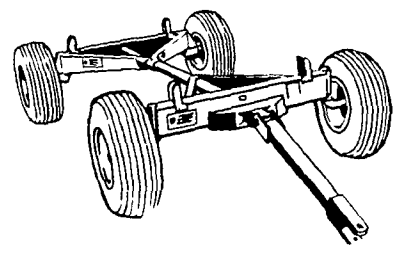

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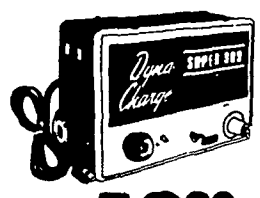

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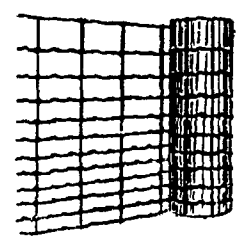

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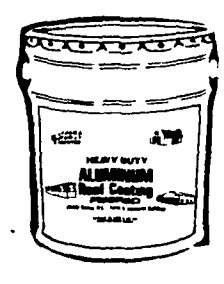

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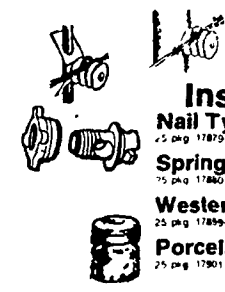

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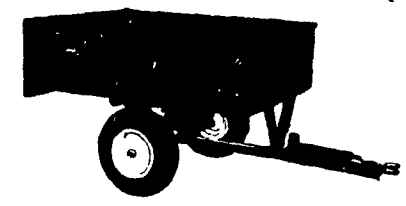

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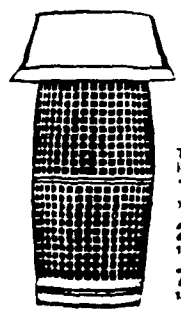

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Gypsy moth programs are varied

WASHINGTON, D.C. — There are no exciting air bike chases or encounters with ewoks in the Gypsy Moth Wars, but the U.S. Department of Agriculture is using every available weapon short of a light saber this year to stop the "Return of the Gypsi" outside its "empire."

"We're using lure-baited traps, chemical and biological insecticides and other means," said Gary Moorehead, a plant health official in USDA's Animal and Plant Health Inspection Service.

USDA is working with states to detect and eradicate the gypsy moth outside the generally infested Northeast.

"In its caterpillar stage, the moth strips leaves of forest, shade and ornamental trees, killing some trees and weakening others," said Morehead. "The caterpillars can become a nuisance around homes and make outdoor recreation areas unusable.

"We use traps to detect outlying infestations and use various means to get rid of these infestations," he said.

The cardboard traps are baited with moth pheromone - a sex attractant – to attract the male moths. Once trapped, a moth becomes stuck in a sticky substance or is killed with insecticide.

Moorehead said this spring and summer eradication operations are being conducted in 11 states, in locations where moths trapped in past years indicate infestations are present. Methods used vary from chemical or biological insecticides to mass trapping or treatment with the pheromone, which is being tested for its ability to confuse the moths and prevent mating.

"We use whatever method is most appropriate for the particular area," Moorehead said, "depending on the size and intensity of the infestation, environmental sensitivity of the location and wishes of stae and local governments and area residents."

"Even though we think we can get rid of these infestations, in cooperation with state governments, we'd much rather keep them from reaching outlying areas," Moorehead said.

"If you're traveling from infested to non-infested areas you should examine your vehicles and other outdoor articles to make sure you leave any insects behind," he said. "If you find and egg mass, scrape it into a can of kerosene or bleach.

"Moth egg masses – present from July through April – are the life stage that most often hitchhike with people, but caterpillars or cocoon-like pupae can also do so at other times of the year," he said.

Moorehead said USDA cooperative eradication projects are conducted only in outlying areas.

"In the infested northeastern and mid-Atlantic regions, USDA's Forest Service cooperates with state governments in projects that suppress the moths to prevent serious damage in residential or high-value timber areas," he said.

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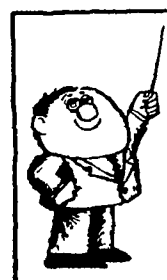
For Sale - Saanen-Pygmy buck kid, $30. Lanc. Co. 717-284-4242.

For Sale - 76 Int. power take off combine w/bin. York Co. 717-246-1390.

For Sale - JD 14T baler for parts. New plunger & many other very good parts. Lanc. Co. 717-548-2559.

For Sale - 4 beef cows w/calves by side. $650 each. Airville, Pa. 717-862-3610.

For Sale - AKC male Boston Terrier service good age 4 north of Terre Hill. Lanc. Co. 215-445-5182.



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MAILBOX MARKET

For Sale - AKC Boxer female first reasonable offer, Cumb Co. 717-423-6620.

For Sale - 12' wooden grain tight truck box, excel. hoist, phone Lebanon 717-272-0034.

For Sale - Steam engines, upright 3½ HP $700. & 1915 Case tractor 40 HP $8000. York Co. 717-637-9107 after 9 p.m.

For Sale - Hay, clover timothy heavy clover will consider trade for machinery. Fred Semrau, RD1, Box 24, Millerstown PA. 17062.

For Sale - Tractor tire rims to fit 18-4-34 tires; two used tires to fit these rims. Franklin Co. 717-263-4860.

For Sale - Heavy duty tandem axle trailer, 9' long x 5' wide x 4' high sides. $600. Lebanon Co 717-865-6166.

For Sale - Gehl 600 harvester NR cornhead & hay pick-up, hydraulic wagons Lebanon Co. 717-866-6081 after 6 p.m.

For Sale - 1966 Ford F-700 dump for parts: cab, 23,000 Eaton 2 Spd. rear, 7x9 dump bed. Perry Co. 717-789-3979.

For Sale - 2 yr. old Bay Standard bred filly, halter broke only, asking $750. Dan Yoder, JR. Thompsontown, Pa 17094.

For Sale - Oliver #18 combine 7' PTO bin $500, beater for JD 34 spreader 9" drum type Juniata Co 717-694-3095

For Sale - M.F. self propelled windrower w/continental 4 cyl. Flathead engine all for parts. Franklin Co. 717-328-5414.

For Sale - 8' x 50' mobile home, will make good flatbed farm trailer, Dauphin Co. 717-566-0724.

For Sale - First calf reg. Guernsey cow, fresh June 20, vaccinated; also 300 gal. Girton bulk milk. Perry Co. 717-834-3983.

For Sale - Excel. Super C Farmall tractor, apple firewood for $69/cord; sheared Blue Spruce Christmas trees. Columbia Co 717-672-2638.

For Sale - Bred gilts some due now & some then. Christ M Stoltzfus, RD2, Box 253, Quarryville, Pa 17566.

For Sale - Hand turn bologna slicer. US Berkle, good cond. $145. Leola. 717-656-8531.

For Sale - 7 yr. saddlebred carriage horse, single & double $975. Small children's pony $125. Isaac Zook, South of Intercourse.

For Sale - 20' enclosed trailer; 12 HP Ford garden tractor, Jet spray drink machine; 14" chain saw. Lanc. Co 717-442-4279 eves.

Wanted - 1 pair tobacco hoers. For Sale - Chevy 400 turbo trans. Lanc. Co. 717-684-0777.

Wanted - 1 pr. rear tractor ties & rims for AC model B or C. Lanc Co 717-464-2583.

For Sale - Celery plants 5 yrs. old Standardbred more good buggy horse. Walter N Hoover, RD 2, East Earl, Pa 17519.

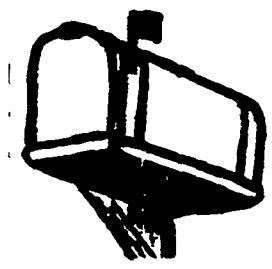
Notice - Order now for snow crown Cauliflower plants $25./thousand. Paul M Hoover, RD 1, Box 363, East Earl, PA 17519.

Wanted - Potatoe digger, 1 or 2 row or 1 row, PTO Oliver for parts. Wanted - baskets Lanc. Co. 717-354-8238.

For Sale - 15 cu ft chest freezer good cond. $195 717-354-9985

For Sale - 3 pt hitch equipt including mower, platform, cultivator, & blade Also a new hay rack. Schuylkill Co. 717-682-9391

For Sale - 3 pt 100 gal Meyers blower sprayer, ex cond 1020 JD tractor wide front Lanc Co 717-665-2387



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For Sale - Int. 990 mower cond.; Int. #8 flail chopper in good cond. field ready Adams Co. 717-359-7276.

For Sale - 2 Case combine canvas 6' wide $25. for pair good cond York Co. 717-235-2032.

For Sale - Farmall H tractor, 1969 GMC 14' Stake, V-six, 4 spd. trans, 2 spd. R.E. Berks Co. 215-944-9693.

For Sale - Silo-matic unloader 10 HP motor 26' can use in 24'-22' 2 yrs. excellent. Franklin Co. 717-264-6007.

For Sale - Flock of Suffolk sheep, make offer. York Co. 717-697-9523.

For Sale - Choice Shropshire yearling rams, ewes & lambs Select early from Excellent bloodlines for fall breeding. Leb. Co 717-949-3653.

For Sale - QH Pleasure gelding McQuerry trailer w/dressing room. New Steuben Seigfried saddle w/fitting, new high boots (6) Berks Co. 215-683-5269.

Wanted - Barn or garage or house. Conveniences not necessary, private party. Prefer Berks Co. Pa. Let message at 215-929-5949

For Sale - 2 - 48"x60", 2 - 48"x44" steel sash barn windows. Chester Co. 215-286-9467

For Sale - 1974 Pontiac Ventra 2 dr. auto Needs work. Berks Co. 717-933-5354

Notice - Pasture for rent in Berks Co. Berks Co 215-678-9326.

For Sale - Grade Holstein heifers. Bred for winter freshening. Lancaster Co 717-665-5116.

For Sale - Kemin Co-2 hay preservative applicator, complete in good cond., Mellinger dry chemical hay preservative applicator. Lanc Co 717-733-3446.

Wanted - Around 300 gal MoJohnier milktank and pumping station Wayne M Zimmerman, R4, Box 467, Ephrata, Pa 17522

For Sale - Field Queen 3208 Cat engine, 756 hours, model 7600, exc cond w/3 heads $27,500 Cumb Co 717-258-6282

Wanted - Used overhead doors 2 - 8'x8', 1 8'x10', Cumberland Co 717-243-9059

MAILBOX MARKET

For Sale - 4 row cult. for JD for ATO 720 2 set 2 row cult Chester Co. 215-458-8433.

Wanted - 350 Chevy truck engine, auto. must be very low miles, also stainless steel milk cans. Montg. Co. 215-723-7158.

For Sale - JF 45 combine w/10' head. Fine Shape ready to go. $4000. York Co. 717-244-9795

For Sale - 5 reg. Yearling Charolais Heifers, reasonable. Edwards W Wilson, Star Route 1, Box 145; Honesdale, Pa 18431.

For Sale - Oliver 543 corn planter, no-til. 4 row good cond. Bradford Co. 717-358-3129.

For Sale - Int. hay baler model 45, PTO, good cond. Lehigh Co. 215-767-2340 before 8 a.m.

For Sale - AKC Poodles, both parents can be seen 7 wks black & cream $100. Lycoming Co. 717-584-4238

For Sale Complete hydroelectric, power plant. If you have the location you could make your own eletricity. 717-398-0311

For Sale - Milk cans, milking equipment, American Supply Goat milking machine, 2 Holstein heifers, 1 Red holstein bull. Chester Co 215-948-8939

Wanted - Camshaft for Int 340 or good used motor Phone 717-654-7343.

For Sale - Farm 60 acres stables, barns, spring house, pasture, tractors, sickle bars, spreaders, misc items. No. Chester Co 215-942-2412.

MAILBOX MARKET

For Sale - Cub Cadet lawn tractor 12 HP w/48" mower deck, good cond Lanc. Co. 717-393-7452 eves.

For Sale - Chicken feeders, 4 & 5' floor wall feeder, water fountains etc. York Co 717-229-2530.

For Sale - Int. 105 self propelled combine, 10' cut, w/cab & hume reel Like new cond. York Co 717-244-9369.

For Sale - AKC reg. male Keeshound puppy, 7 wks old, excel, companion dogs. Adams Co. 717-637-9288.

For Sale - 3 York-Hamp boars service age, Leb. Co. 717-273-9029.

For Sale - Collie puppies AKC registered Samuel I Esh, East Newport Rd. Gordonville. Lancaster Co. ½ mile east of Intercourse

For Sale - Ford baler 530 w/thrower $1250. Gandy applicatior w/motor $90 36" hay fan $150. Lanc Co. 717-665-6059 eve.

For Sale - 5 yr old police dog female. John S Stoltzfus Jr, Kirkwood Rt#1, Box 383, Pumping Station Rd.

Wanted - Platform scales For Sale - Clover & stubble hay, .75 a bale, 60H John Deere blower $500. Lanc Co 717-687-6321

For Sale - 300 gal. field sprayer, good shape $375. John Stoltzfus, RD #1, Box 99, Kirkwood, Pa 17536, Morrison Mill Rd

For Sale - Fork lift (Baker Hi Lift) 4 cly. gas engine, 10' reach, solid wheels $600. Luzerne Co. 717-256-3355.

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MAILBOX MARKET

For Sale - Fuel tanks 2000, 3000 and 4000 gal. tanks $200/up. 201-859-2616.

For Sale - JD 45 SB combine, cab, straw chipper, 12' header, more. Anne Arundel Co. Md. 301-721-1834.

For Sale - Reg. Jersey cows & heifers. Adams Co. 717-334-3926.

For Sale - Dorset male sheep 5 mos. old or will trade for male Cheviot near same age. Lanc. Co. 717-442-8317.

For Sale - 8' Miller disk, 2 cyl $1400.; Hog shelter fountain & feeder $600., 3 Nanny goats. Lanc. Co 717-442-4678.

For Sale - 4 beehives, each complete w/2 hive bodies & bees $100 ea. So Lanc. Co 717-548-3814.

For Sale - Oliver 35 self-propelled combine, 10' head field ready $2300. Montgomery Co. 215-367-9261 or 367-9051.

For Sale - 3020 JD tractor, 1 owner, new rubber, gas, power shift, excel. cond. $5500. Dauphin Co. 717-692-2422

Wanted - Sickle bar for Ford 4000. 3 pt. hitch, rear mounted, 7' Essex Co., NJ 201-228-0977 after 9 p m

Notice - 2 pureblood Jersey cows due soon to A.I. bull. Will be at New Holland Sale Stables, Wed , June 29th.

For Sale - Angus bulls, 2 yr. old by "Power Play" Yearling by "Power Play" Reasonably priced. 717-292-4855.

For Sale - Wheel horse garden tractor w/36" mower deck $1050, 2 yr old app. gelding bay $1500 York Co 717-637-8002

For Sale - 2+ 11.2 +38 & tubes tractor tires & gear Ford 9N or 8N 4 sp. trans parts, best offer. 717-284-3280

For Sale - Green & yellow spring wagon like new cond.; antique brass bell from old butcher wagon. Lanc Co 717-733-8787.

For Sale - AKC Boxers, 5 female & 1 male, also Pens package deal. Lanc Co. 717-656-8916

For Sale - AC G tractor w/hyd cultivators, 8' grain binder Elias S Beiler, 601 Musser School Rd., Leola, Pa 17540

For Sale - IH cub 154 Loboy w/60" mower $2595. JD chopper 2RN 5' pickup. Will separate York Co 717-229-2346.

For Sale - WC AC for parts $300., Radiator for Farmall M or 400 gas or diesel $150. Sullivan Co 717-924-3847.

For Sale - Standard bred horse, 5 yrs., traffic safe, $575 4010 diesel, wide front $4900. JD 3940 harvester. 717-733-0575

For Sale - McCormick #64 PTO combine $100. Berks Co 215-683-7931

For Sale - 1981 black Silverado Chevy shortbed truck w/new camper top (diesel) Excel. cond PB/PS, AM-FM $7000. Berks Co 215-926-1452

For Sale - 400 egg incubator electric, forced air, new cond. $165. Franklin Co. 717-532-9307

For Sale - 205 combine w/cab 13' grain head 2 row corn he[illegible] very good condtion Synder Co. 717-658-7161 or 717-658-7079

Wanted - A Harvestore forage weigher, must be in good cond 717-786-2839

For Sale - New oak walnut grandfather clock w/moon dial, Alvin K Fisher Jr. 103 N Ronks Rd , Ronks Pa. 17572

For Sale - 1979 Int 1800 404 engine 26000 Gross w/tight bed heavy duty dump 5400 mi. Adams Co. 717-359-5953.

MAILBOX MARKET

For Sale - ADGA Nubian dairy goats, 15 must go, super pedigrees, TB & bangs tested. Loveable hobby, Gettysburg, Pa. 717-334-7993.

For Sale - Sheep shears, Stewart, Sunbeam, extra blades, works well, $40. Chester Co. 215-932-4728.

For Sale - 4 yr. old Standard bred horse, Isaac S Stoltzfus, 3440 Old Phila. Pike, Ronks Pa. 17572 Lanc. Co.

For Sale - Two 2 horse drawn wagons complete w/tongues, single & double trees, one seat, make offer. Schuylkill Co 717-345-8980.

For Sale - Foley 387 saw filer, 385 retoother, 392 setter, Belsaw 8800 chain sharpener, belt grinder, edge tool grinder, Sch. Co. 717-682-9233.

For Sale - 1 oval H.G. tank 1500 gal. w/side rails. 2 - 275 gal. tanks. Lehigh Co. 215-797-5439, 215-965-9312

For Sale - 1 Hobart meat saw, model 5514, 3 phase, A-1 cond. Dorchester Co. 301-228-2214.

For Sale - NH 33 flail chopper $575., JD (B) tractor good tires clean $675 Oliver 5 bottom plow $295., 717-354-0266

For Sale - 925 M.F. Hay bine 3 yrs. old, $3195.00., York Co., R&M Farms, 717-741-1440

For Sale - Coming 2 yr. old black gelding and black mare, Percherons, Otsego Co., 607-965-8735.

Wanted - DC Case w/Eagle Hitch for parts. Any cond., David H. Reed, 2167 Blue Ball Rd., Elkton, Md., 21921, 301-398-7340.

For Sale - Oliver 88 Diesel with P.S., L PTO & 2 valve Hydraulic. Carroll Co., 301-861-8237.

For Sale - 4 row wide cultivator, JD excell. cond., 3 pt hitch, $750, North'd Co , 717-758-3901.

For Sale - 400 plastic tomato baskets good cond. $1.75 each, Black crossbred sheep, lambs, ewes, rams, Snyder Co., 717-658-3536, eves.

For Sale - Log home. 18th century, oak, 2-story, 25x27. 40x70 hand-hewn barn frame. Will dismantle and rebuild, 717-790-9145.

For Sale - Fifteen head polled hereford cows w/calves, raised on Montour Co., farm, also bull. All reasonable offers considered 717-275-3809.

For Sale - 3 cylinder Detroit diesel engine recently overhauled-75 HP-PTO Power Assembly $2,800. Lanc Co., 215-593-6334 or 215-593-5761.

For Sale - Pr. of J D. front wheels and like new 5.00-15 Goodyear tires-$60. 301-592-2249, Balti Co

For Sale - 234 IH corn picker very good cond., stored inside Brackets for Oliver & J.D tractors Cumb Co , 717-243-4691

For Sale - 6 ft McCormick grain binder, Benuel Beiler, 1 mile south of Paradise on Blackhorse Rd , Lanc. Co

For Sale - AC, D-17, IV, Dsl, WF, Dual Remote, 3 pt., w/Kelly 500 loader, 60 HP, $5000, Carrol Co , 301-848-3130

For Sale - Farmall A tractor, starter, lights cultivators, good rubber pully power take off, 814-669-4126 Huntingdon Co.

For Sale - 435 gal bulk milk tank, open top, 3 HP belt driven compressor working order $700 215 445-6816, Lanc Co

For Sale - Moving must sell Case 300 Tractor, $1400 00, Case two-bottom plow $500 00, Roller disc , $150 00, Lanc Co., 717-626-0846

MAILBOX MARKET

For Sale - 4 large hol. heifers due beginning Sept Call eves. 717-899-6716, Mifflin Co.

For Sale - Mixer and Farms complete to buid cemment silos up to 20x70 717-966-2009.

Wanted - Axle & lift assembly for woods model 80 Rotary mower or complete mower for parts. York Co., 717-382-4629.

For Sale - SHOTGUN, Ithaca/SKB XL900, ultralite, semi-auto, 20 ga., 26;; bbl., 3", like new, asking $250. Chester Co , 215-269-4913.

For Sale - MH Grain Drill excell. cond. 8' camper top insulated. Mags for pinto. Corn. Sch. Co. 717-345-8371.

Wanted - (2) "Maiden Blush" Apple trees Harold E. Martin, RD #1, S. Cain Rd., Coatesville, Chester Co , 215-384-5067.

For Sale - Oak fence posts 4"x4"x7' $2.40 ea. delivered rough cut or planed seasoned pine boards 40 cents/bd. ft. Schuylkill Co. 717-276-1542.

For Sale - Woods RM-306 rotary mower, 6 ft. cut, 3 pt. hitch. Almost new $900.00. Call eves. (717) 922-6596. Monroe Co.

For Sale - Registered quarter horse stallion, 7 yrs. old-good breeder-$800.00. Registered appaloosa mare $1000.00. Garrett Co., Md 301-387-6530.

For Sale - 2 yr. old grade Guernsey bull or trade for other livestock. (801) 334-4667. Garrett Co., Md.

For Sale - Potato equpt. Boggs potato grader, Singer seed potato cutter, excel., Iron Age field sprayer. 301-452-5122 eves , Harford Co

For Sale - Field Queen Forage harvester w/3 heads, Badger, Dion, Gehl forage wagons. Brillion seeder, M.C. grain dryer Bucks Co., 215-766-8703.

For Sale - Int. 1972 truck 16 ft. grain bed. Sissor Hoyst, gross weight 30,000 $4,250, Lanc. Co. (717)626-6906.

For Sale - Barn kept good cond., A C. #66 combine P.T.O w/grain bin straw spreader & wind rower. York Co., 717-938-2630.

For Sale - 1 row mechanical transplanter like new., Amos Martin, New Holland, Pa., RR1, Box 852, South of Terre Hill.

For Sale - Farmall 350 MM Z.B. with a foot clutch, Inter. potato digger Donald A Smith, RD#3, Box 449, Lehighton, Pa 18235.

For Sale - Over-the-cab camper Fits 3/4 ton pickup, sleep 5, w/gas range, refrigerator heater and water system. $575. 717-665-9351, Lanc. Co.

For Sale - 10 units of Ivanhoe Star semen $75 00 a unit. 717-286-0332 Northumberland Co., Lester Schrock, RD#1, Box 192, Paxinos, Pa 17860.

For Sale - Blower IH with pipe, 301-666-0079 before 8-A.M

For Sale - 10 cows from an 800 lb. fat herd—ear corn—2 gravity flow wagons. Centre Co , 814-349-8010

For Sale - JD 520 on steel loader & cultivator. 3030 Gehl skid loader. 4 6T. trailer plow. Bedford Co 814-793-2423.

For Sale - 1980-23' Motor Home low mileage and in excell cond. Salem Co , N J 609-678-8135

For Sale - 2150 Oliver tractor 3 pt-P S.- Good tires & condition $9500 Huntingdon Co. 717-483 6656

For Sale - 1961 C 70 Chevy w/20' Tiltbed and Winch, 5 Sp , transmission, 2 sp. rear, 30,000GVW, 10x20 radial tires 717-647-2124

MAILBOX MARKET

For Sale - 3 pt. hitch adaptor for M.C. snap coupler, $250.00. Also a Snap coupler draw bar Lanc. Co. 717-687-7336 eves.

For Sale - Pennlan tobacco plants ready now. Elam F. Stoltzfus, 210 Farmland Rd., Leola.

For Sale - Rams; Reg. Dorset fall born-multi-birth breeding $150.00. Ramsted Dorsets, Berks Co. (215)367-7189.

For Sale - D2 Cat 5U series with PTO and good tracks $1950.00. Lanc. Co. 717-354-5489.

Notice - Free to a good home, 5 Eskimo mixed puppies. Eli B. Esh, R#2 Christiana, Pa. Box 131 17509.

For Sale - 1962 Diamond T lime truck. 33,000 GVW. 5&2 10-20 tires. William N. Ensor, 301-357-8314 or 357-4073. Balto. Co.

For Sale - Inter flail chopper, 5' cut, works good, $400. Price neg. 717-292-4067 eves., York Co., also hand lift colivators.

For Sale - Papec Chopper Blower 16" tinger feed, 3 knives w/extra set, always stored inside, excel., $200. Lackawanna Co., 717-254-6536.

For Sale - JD 45 combine 2 heads, square back, cab, looks and runs real good 4500.00. 215-536-5175 Bucks Co.

For Sale - 1972 Dodge Dart mechanically good $250.00. Birch/maple trees 2.00 each v-dig. 814-546-8944 after 8 p.m.

For Sale - Farmall 560D overhauled, new rubber, Farmall Super A with mower, cultivators. Col. Co., N.Y. 518-392-4096 after 6 p.m.

For Sale - 24" wooden frick thrash machine also parts bar 22-28. Aaron S. Zook, R.D. #1, Box 216M, Strasburg, Pa. 17579.

For Sale - 6-tires 13.9x36 20% tread. $30.00 each all $150.00., JD 801 3 pt. hitch $175.00. York Co , 717-252-2637.

For Sale - Brass horse head/door knocker $30, army brest collar $20. Western Riding Briddle Complete $30. - Franklin Co., 717-264-2990.

Wanted - Old Windmill or parts of Windmill, need tower too., 304-269-1973., Carroll G. Gum, RD2 Box 125, Camden, WV. 26338.

For Sale - Custom Built Gravity Flow Feed Bin, Steel Construction, like new $600. Starline Barn Cleaner, Berks Co. (215)944-0584.

For Sale - Int'l fast hitch sickle bar mower (Ex. condition) $400. Also, ash lumber, Berks Co., 717-933-4027.

For Sale - Massey Harris 101 tractor engine overhauled good cond., best offer. Wanted - 2 row wide corn head. 215-944-0329, Berks Co.

For Sale - Farmer boy hog shelter hold 35 hogs $750.00. Jacob S. Stoltzfus, RD#2, Airville, Pa., Route 425, York Co , 17302.

For Sale - 60 bushel cleaned, buckwheat seed Farmers, it's not to late for buckwheat. 717-788 2248 eves Luz Co

For Sale - Mother stan dard poodle, black female, $25 Chester Co , 215 932-5057

For Sale - Surage parlor complete w/vacuum pump, bulk tank; free stalls Wanted - Screen for Fox 900 chopper Garrett Co 301 245-4573

For Sale - Farmway barn cleaner, 180 ft chain, 6 month old, $1000 Purebred Hereford bull, Greystone line, $1500 Carroll Co. 301-775 2954

For Sale Gas R2 Cat, hydraulic blade, (Model 4J788SP) as is $650 717 755-6946

MAILBOX MARKET

For Sale - AC-B with 5' lawn mower, $1295 Chester Co. 215-932-8633

For Sale - 5 to 6 lb. Fryer or Broiler, heavy chickens. 717-993-2818 York Co.

For Sale - UKC Registered English Coonhound puppies. World champion, Grand Night champion, champion sired. Montour Co. $150. 717-437-2431.

For Sale - 19' Used Zook pit manure elevator, $650. David K. Lapp, New Holland RD2, Box 12 Pa 17557.

For Sale - Snow Crown cauliflower plants, $25 @ thousand, no Sunday calls, Lanc. Co. 215-445-6917.

For Sale - Reg. Black Angus service age bulls. Performance tested herd. Outstanding quality, dispersal prices, 301-676-4004

For Sale - NH 268 baler with bale thrower. Good cond., Cecil Co. Md. 301-658-5877

For Sale - Border Collie puppies; Charolais heifers, one year old, orchard grass seed, 1923 Mack Fire truck. 215-756-6618 Lehigh Co.

For Sale - Mod. 220 EZ gravity wagon, like new. Mod. 1200 AC field cultivator, 215-234-4401 Mont. Co

For Sale - IH 460 w/pulley $2500, good cond., Also NI No. 506 loader, $500. 717-949-3988 Leb Co.

For Sale - Servel single door gas refrigerator, Walter M. Zimmerman, R2 Ephrata.

For Sale - 3 pt. cultivators, hay mowers, crushers, rakes, tedders, elevator, PTO silage blower. 717-345-4882

For Sale - IH 76 PTO combine with bin. Berks Co. 717-933-4778.

Wanted - TD 9 Int. radiator. Please call Ray Miller 215-374-9203 after dark anytime.

For Sale - VE 4-cyl. Wisconsin engine, fully overhauled, $975 Amos Beiler, Box 223, Christiana, R1, Pa 17509 near Kirkwood.

For Sale - Purebred Chihuahua puppy, born May 28 Samuel F Stoltzfus, Vintage Rd., Box 84, Christiana R1, Pa 17509

For Sale - 60 head feeder pigs, 40 to 45 lbs 717-354-7181.

For Sale - 40 Piazzon red hanging poultry waterers, $6/ea. S Levi Stoltzfus, R2 Box 376 Parkesburg, PA 19365.

Notice - Lumber Auction Thur. July 7, 6 p.m. Hardwoods & Softwoods, Elmwood Farms, Union Co. 717-922-1300 See Display Ad.

For Sale - (1) horse walk behind cultivator, $20. (1) Horse walk behind scoop $10 Lehigh Co. 215-967-3957.

For Sale - 2 Holstein heifers, one is reg., due to freshen June 18. Franklin Co 717-532-6509.

For Sale - 5 yr. old male Bluetick coonhound, pen & doghouse $100 will sell hound for $50. 215-865-3366 Berks Co

For Sale - Jersey bull, purebred (no papers) 1½ years old, $600. Bucks Co , 215-294-9548.

For Sale - One purebred and one American La Mancha milking yearlings, one purebred, 8 week old doe kid 717-582-4551 Perry Co

For Sale - JD 2440, WFE, 1518 hrs , roll guard, good rubber, 237 two row cornpicker Cumb Co 717-776 3686

For Sale - Beautiful Suffolk twin rams, good breeding stock, Perry Co , 717 567 3458 .

Wanted Good heavy duty power matic wood lathe, Joseph S Peight, Box 48A, Belleville Pa 17004

MAILBOX MARKET

For Sale - 1980 Pontiac Lemans, 4 door, auto., PS/PB, air, plus more. See to appreciate. Price negotiable. Lanc. Co. 717-665-5848.

For Sale - Corn silage, Lanc. Co. 717-768-8586.

For Sale - 11 yr. Standardbred broke for the carriage, Jonas S. Riehl, 2931 Old Phila. Pike, Bird-in-Hand, PA 17505.

For Sale - 7 ft. McCormick Deering grain binder, good cond., Henry L. Beiler, R1 Box 279 Kirkwood, Pa. 17536.

For Sale - 2 yr. old half Morgan and Standardbred Black colt, David Glick, Box 187, Monterey Road, Pa. at Stumptown crossroad.

For Sale - NI cutditioner, 9 ft. hardly used, $3895 cash. Berks Co., 215-562-7028.

For Sale - NH harvester super 717 with two row narrow, 770N2 head also Boston Terrier pups, Lanc. Co. 717-656-8531.

For Sale - 2 work horses, smooth mouth, good broke, $1000. Elmer E. Stoltzfus, Coatesville #7 19320 Telegraph Rd., Box 297.

For Sale - 1816 Case uniloader in good condition, 2500 or best offer. Cumb. Co. 717-776-7636, No Sunday calls.

For Sale - Goat Kids, wethers $25. Reg. Nub. does $65. Rebel Yell Dairy Goats, Littlestown, PA, Adams Co 717-359-7700.

For Sale - JD-LA tractor w/cults. $950. Case loader w/6 ft. Bucket fits 730 CK-830CK $750. 215-598-7546.

For Sale - Oliver 525 combine 12' grain head, two row corn head, good cond. kept under roof. Lehigh Co. 215-767-5473.

For Sale - Honey & Bee supplies. Focus Blend Choice Honey, $9/gal J.K Swarey, 2761 N. Cherry Lane, Ronks, Pa 17572

Wanted - Case 200 bale for parts, Reinholds area. Lanc. Co. 215-484-2383.

For Sale - Reo riding mower, running cond., $75. Also Amish buggy w/hydraulic brakes John Omar Stoltzfus 215-273-3585, Chester Co.

For Sale - Approx. 350 tomato baskets, used one season Located near Churchtown, Pa. Call 814-793-4611.

For Sale - 18 farrowing crates, 2 stainless nursery feeders, 2 22' skids w/10 feeding/gestation crates on each. Lanc Co. 717-397-9921.

For Sale - 28 in Frick thrashing machine, running cond., Lanc Co. Aaron F Stoltzfus, R1 Gap, Pa. Box 119 17527.

For Sale - Chihauhau puppies, fox terrior mixed. Enos B. King, 2065 Horseshoe Rd., Lancaster, Pa. 17601.

For Sale - Unstyled JD "A" Tractor, running cond , $850 cash 1927 Standard twin garden tractor $150 cash. 717-938-6322 York Co.

TRUCKS & TRAILERS

*4-1980 Colts, auto. and 4 speed
Special price
*1979 Volari 2 door coupe, 6 auto; like new
*1976 VW Rabbit
*1981 Escort GLX, air
*1982 TC3, 2 door, 1 owner
*1980 Chevy Citation Coupe,
15,000 original miles
*1970 Chevy ½ ton pick-up,
Special $995
*1976 Pontiac Astra Wagon, low miles
*2 - 1981 Omni, stick & automatic
*1978 Omni, 4 door
*1981 B-350 Van, 9000 GVW

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE 717-367 1808

MAILBOX MARKET

Wanted - AKC Norweigen Elkhound puppy or dog, make or female. 717-539-2711.

For Sale - 49" mule used for coon hunting, 6 yrs old, hunted three years, leads dogs well; blue tick. Montour Co. 717-437-2185.

For Sale - Border collie puppies, 7 weeks old, Ben F. Stoltztus, 44 Golf Road, Myerstown, Pa. 17067 Leb. Co.

For Sale - 7.5 KW Generator, 4 cyl. gas engine powered, $1200. Harford Co., MD. 301-836-3878.

Wanted - Wide front for 806 Farmall or trade NF, PTO gear box assembly. Elmer Esh, Esbenshade Rd., Ronks, Pa. 17572.

Wanted - Bread dough mixer, Samuel M. Stoltztus, R3 Box 73C, Honeybrook, Pa. 19344 Chester Co.

For Sale - Large springing vaccinated dehorned Holstein heifers, serviced to Jersey for Aug. (1 Reg.) Reasonably priced. Susquehanna Co. 717-756-2764

Wanted - Barn cleaner chain, log chain type. Notice - whoever rented John Nolts air compressor & jack hammer. Please return it. 717-354-5691.

For Sale - Massey Harris combine, 80 Special, self propelled, field ready, and Esco bulk tank, 500 gal. Franklin Co. 717-328-5748.

For Sale - Half Morgan, half quarterhorse gelding, 14.2 hands, green-broke to cart 6 yrs. old. 215-926-5736.

For Sale - 20 qt. Hobart mixer, ready to go w/air motor. Elam E. Beiler, R1 Box 121, Christiana, Pa. 17509.

Wanted - KB8, 10 or 11 Int. truck for parts, any cond., Perry Co. 717-536-3241.

For Sale - Cultivator, 1-bottom plow, 5-ft. sickle-bar mower for AC G tractor, $250. Berks Co 215-488-1944

For Sale - Snow plow for Farmall Cub tractor - exc. cond. $180. Call in evening. Montg. Co. 215-933-2469.

MINI LOP RABBITS with papers $25.00. Very Loveable pets. NZW Rabbits with papers, $10.00. Cecil Co., Md. 301-885-2134.

For Sale- Outside calf hutches, $75 each, David B. Stoltzfus, Rd 2, Box 282B, Nottingham, PA, take Brown Rd. at Little Britian, second road right.

For Sale- Spring wagons & buggies & horse related items. 301-398-5696 after 7.30 P M.

For Sale - 10' spring harrow, reconditioned! Mechanically set. Make offer. Amos M. Stoltzfus, 2457 Stumptown Rd., Bird-in-hand, Pa.

For Sale - 2 cyl. baler engine (rebuilt) like new $375. cast-iron Briggs. Samuel S. Stoltzfus, 2447 Stumptown Rd. Bird-in Hand, Pa.

TRUCKS & TRAILERS

MAILBOX MARKET

Yorkshire Service Age boars Pseudorabies and Brucellosis free herd Red Run Farm, Joel Stern, R2, East Berlin, Pa. 17316, York Co. 717-292-4634.

For Sale- Rope halters for cattle, made to order, 717-898-7020 Lanc. Co., Pa.

Wanted- New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T. Holliday, Rt. 4, Box 244, Waynesboro, TN 38485.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 a.m. or after 7 p m 201-735-8389 or 201-735-4408, days 201-735-8865

For Sale- 1600 gal. fuel oil tank truck body 215-345-1909 after 7, Bucks Co.

For Sale- All size silo roofs at reduced cost, 717-687-6672 or 768-3095 Lanc. Co

Wanted to Rent- Farmland in Berks, Lehigh or surrounding area. Top prices paid, 215-756-6269

For Sale- Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, Rd 2, Strasburg, Pa 717-786-2562.

Fine Selection of pleasure Tennessee walking horses, $800-$1800, quality yearling and weanling colts. At Stud: Senator's Thunder, black and beautiful, 215-267-7311

Fox Terrier stud service. 717-354-7186.

For Sale- Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster, MD 301-876-1235.

For Sale- Reg. Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459-3414.

Wanted- 200-300 gal. holding tank, meat grinder, 30 gal. S.S. barrels, castors, S.S. 6 ft. table, ratchet press, S.S. sink, 215-862-9148 10-5.

Used Bee Equipment; Inverbrook Apiaries, R.D. #2 Box 230, West Grove, Pa 19390, 215-869-3353.

Build your own pig feeders for under $10. 100# capacity. Easy plans, $2.00. Rt. 1, Box 742, Mardela, MD 21837.

TRUCKS & TRAILERS

1979 Int. 1854S model, 466 diesel, 5&2 spd., power steering, long wheel base; 1973 Int. 1800, 392, V-8, 5&2 spd., power steering, 1000x20 tires, 16' all steel flatbed dump with twin cylinder hoist. 301-877-9889.

'82 Ford F250 Super cab, 350 auto., PS/PB, 8900 GVW, regular gas, exc. cond., $8600. 717-733-2873.

IH twin screw tractor, Fleetstar, wetline, 290 Cummins, 10 speed, low mileage, excellent condition, $8500. 717-299-3001.

'81 Chevy C30, cap and chassis, 350, 4 speed, PS/PS, 19,000 miles, like new, $7800. 717-733-2873.

1973 1700 International truck w/24' steel bed, excellent equipment or hay truck, engine completely overhauled, $3500. Bradford Co. 717-364-5318.

For Sale - '65 Chev. C-50 8'x7' dump truck, 327, 4&2 transmission, 17000 GVW, pintle hookup, elec. brake hookup, mech. good, $1800. Lebanon Co. 717-865-6166.

Stainless steel milk trailer, approx. 4500 gallon capacity, clean, no rust, ideal storage trailer, $2500 or best offer. Contact Barry at Sunny Slope 800-MILK-015.

TRUCKS & TRAILERS

8'x13'5" JD tilt bed equipment trailer, winch, new tires and oak bed, single axle w/duals, $1000. 717-567-3281.

1980 Ford 350 w/17' aluminum Jerr Dan body, 41,000 miles, excellent condition, $11,900. Call collect 607-729-6161 Johnson City, NY.

1979 Ford ½ ton Super Cab, V-8, auto., ps, pm, AM-FM, air, tinted glass, rustproofed, bed liner, 45,000 miles and 2 mounted snows, excellent. 215-256-8798.

TRUCKS & TRAILERS

1970 Int. cab-over sixteen foot Thermoking refrigerated truck with three phase electric hookup, 43000 miles, 31000 GVW, power steering, air brakes, 10.00x20 tires, good condition, $2500. 717-626-4889 after 4 PM. Lancaster Co.

'82 Isuzu diesel pickup, 5 speed, AM-FM, deluxe model, 4000 miles, $5950. '81 Toyota long bed diesel pickup, 5 speed, AM-FM, sliding rear window, 13,000 miles, like new, $5150. 717-733-2873.

TRUCKS & TRAILERS

5 ton army truck dump, tandem all wheel drive, 11.00x20 tires, 5 speed trans., hi-lo range, $4600. 609-769-3183.

For Sale - 10' wood livestock body. 20' Morgan van body. 20' van body. M.H. Eby, Inc., Blue Ball 717-354-4971.

For Sale - Used combine trailer, some with expandable sides to 12 ft. and power tail gate at a fraction of a new cost. Will do some bordering if needbe. 814-623-9696.

TRUCKS & TRAILERS

Wanted - Trucks and Storage trailers. We also buy trucks for parts and truck parts, motors, trans. and rears. Gas or diesel. Berks Co. 215-944-9871.

1974 IH CAB OVER 4070A, 13 SPEED TRANSMISSION, 318 DETROIT DIESEL, PS, SLIDING 5th WHEEL, GOOD RADIAL TIRES
215-286-9510

TRUCKS & TRAILERS

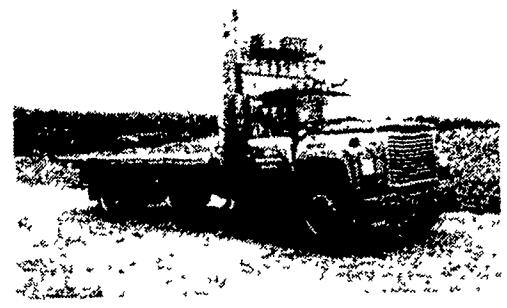
1974 Mack twin screw; 5 speed transmission; 237 engine; PS, radial tires, $11,500.
Complete MACK Tandem axle rears; late model, excellent component for glider kit, $2500, one owner, excellent condition.
717-442-4273

TRUCKS & TRAILERS

'65 IH 2000 single axle dump truck, Cummins Diesel $3000, 717-626-8213.

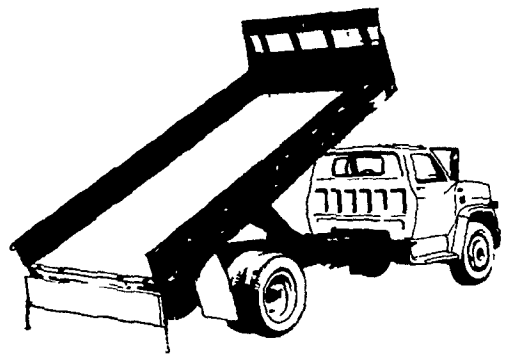
WANTED TO BUY
Good used cattle body, steel or wood, 14'
717-949-3439 or 949-2448

1971 CT805, 391 Gas, 41,000 GVW, 28' Bed, Unit Is In Good Cond.
717-367-1545



'76 IN 1850, 3208 Cat. recently overhauled, 5x2 trans., 22' aluminum flatbed with high bulkhead, 33,000 GVW.
717-684-2228 or 285-3628

Contractor Bodies
by OMAHA STANDARD



Rugged, all-steel 14" sides and 96" wide platforms Available with 28", 40" and 52" high heavy duty steel bulkheads with full width steel mesh windows. Standard three-way express tailgate or optional double-acting tailgate with forward controls Swaged (indented) 3-light cluster in rear outrail for better light protection and appearance. These tough, field-proven units, teamed with job-matched Omaha Standard hoists, are total working units, superior to any on the market

FARMERSVILLE EQUIPMENT INC.
RD 4, East Farmersville Road
Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271
Omaha Standard

PICK-UPS

1981 Ford F250 Custom, 300 6-Cyl., 3 Speed, PS, PB, 21,000 Miles **$6995**
1981 Chevy C10 Custom, 305 V8, Auto., PS, PB, AM Radio. **$6995**
1981 GMC Sierra 305, V8, Auto., PS, PB, AM-FM, Chrome Rails, 2 Tone Red & White **$7495**
1981 Ford F100 Custom, 300 6-Cyl., 3 Spd. with Overdrive, PS, AM Radio **$6995**
1980 Chevy El Camino Royal Knight, 4.4 Liter V8, Auto., PS, PB, AM-FM Stereo, Tilt Wheel, Cruise Control, 2 Tone Black & Silver, 31,000 Miles **$6995**
1980 Ford F100 Ranger XLT, Short Bed Step Side, 302 V8, Auto., PS, PB, AM-FM Stereo, 2 Tone Paint **$7495**
1979 Datsun, 4 Cyl., 4 Speed, AM-FM, 30,000 Miles **$4695**
1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio. **$5795**
1979 GMC Sierra, 305 V8, Auto., PS, PB, 29,000 Miles **$5995**
1979 Ford F100, 302 V8, Standard Shift, PS, PB **$4995**
1979 Plymouth Arrow Sport, 4 Cyl., Auto., AM-FM Aluminum Cap **$4895**
1978 Ford F350 Ranger Camper Special, 460 V8, Auto., PS, PB, Air Cond., AM-FM & Tape, Dual Tanks . . **$7495**
1978 Dodge D100 Short Bed, 6 Cyl., 4 Spd. Overdrive, AM-FM & Cassette **$4295**
1970 International 1/2 Ton, V8, 3 Spd., AM Radio **$1495**

SUBURBANS

1981 GMC Sierra Classic, 350 V8, Auto., PS, PB, AM Radio, Rear Heater, 2 Tone Paint, 26,000 Miles **$8995**
1980 Suburban 4-Wheel-Drive ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs **$8495**

STAKE BODY

1973 GMC 500 Stake Body, 350 V8, New Short Block, 4 Spds., PS, 18,500 GVW, 12' Body **$3995**

DUMP TRUCK

1975 Chevy C65 8 Ft. Dump, with commercial size plow, 427 V8, 5 Speed, 2 Speed Rear, 10x20 Tires, 28,000 GVW **$8995**

VANS

1981 Ford 15 Pass. Super Van, 351 V8, Auto., PS, PB, Front & Rear Air Cond. & Heat, AM-FM Stereo, 32,000 Miles **$10,500**
1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio. **$5495**
1979 Dodge B200 Maxi Cargo Van, 360 V8, Auto., PS, PB. . . **$4995**
1978 Ford Chateau Club Wagon, 5 Pass., 460 V8, Auto., PS, PB, Air Cond., Dual Tanks, Tilt Wheel, Cruise Control, 44,000 Miles **$6995**
1977 Chevy Short Wheel Base Window Van, 5 Pass., 350 V8, 3 Speed Standard, PS, PB, AM-FM & 8-Track **$4295**
1972 Chevy Camper Van, with Pop Top, Stove, Refrig., Sink, Air Cond. **$3495**

4 WHEEL DRIVES

1980 Suburban ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs **$8495**
1980 Chevy Scottsdale C10, 350 V8, Auto., PS, PB, Air Cond., Lockout Hubs, 2 Tone Red & Maroon **$8495**
1980 Chevy Blazer, 6 Cyl., 4 Speed, PS, PB, AM-FM Stereo, Lockout Hubs. **$8495**
1979 Chevy C20 Cheyenne, 350 V8, Auto., PS, PB, AM Radio, 2 Tone Green & White **$6995**
1978 Subaru Brat, 4 Cyl., 4 Speed, AM Radio **$3995**
1978 Ford F250 Crew Cab, 351 V8, Auto., PS, PB, AM Radio, Lockout Hubs, Toneau Cover, 48,000 Miles **$7995**

UTILITY BODY

1980 Chevy C30 with High Utility Body Covered, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Dual Tanks, 40,000 Miles **$8995**
1980 Chevy C30, Dual Wheel, with Morreysville 10' Utility Body, 454 V8, 4 Spd., PS, PB, Dual Tanks, 10,000 GVW **$8995**

MOTOR HOME

1980 Winnebago Brave, 26' Motor Home, Loaded, 15,000 Miles. . . .
$24,900

MIKE RHODES & CO.
"THE TRUCK PEOPLE"
Rt. 663 & Swamp Pike, Gilbertsville, Pa.
Area Code 717 or 215 Call Toll Free
1-800-362-7655
or 215-327-1380

WE ARE NOW AUTHORIZED OLDSMOBILE DEALERS!

TRUCKS & TRAILERS

'75 Morgan 30' van trailer, side door, 717-627-3839 or 626-6904.

For Sale - IH 2000D grain truck, 600 bu. cap. Air tag axle, 22 ton hoist, good cond., Warren Co., NJ 201-753-5313.

STORAGE TRAILERS - OFFICE TRAILERS FOR RENT. Economical, delivered. 301-771-4529.

TRACTOR TRAILER 1975 Diamond Reo, 1964 Parker Dump, unit price $12,500, 215-588-5146.

1978 Chevy, 3/4 ton, 4 speed, 30,000 miles, clean, rust-free truck from Southwest, $3595. 717-684-2242.

1970 Inter. with Haines bulk potato body, several hundred tomato boxes; wire bound corn crates. 717-648-5056.

Dump truck - good motor and hoist, needs minor repairs $600; also 1973 Honda Motorcycle, good cond., $350, Lebanon Co., 717-273-6018 after 6 PM.

1979 Chev. Series flatbed 2 speed ps with or without hoist, a real beauty; 1979 Chevy Scottsdale big ten auto., ps, pb; 1975 Ford F600 dump; 1975 GMC tilt cab 6500 series; 1974 Ford F600 14' flatbed dump, ps, 2 speed; 1973 GMC 6000 Series dump 5+2; 1973 Ford LN600 C&C. 1946 Ford CP, Northumberland Motors, Route 11, North'd Darville Highway, 717-473-9554 nights 717-374-8837.

Trailers for sale - 1976 42'x13 Trailmobile reefer, 24.5 Budds, side door w/Super NWD30, TK, $5800. 1971 40x13 Trailmobile reefer, 24.5 Budds, side door, NWD30, TK, $3800. 43' Brown flat, slider on 20, $2800. 40' Dorsey flat, slider on 22, $2600. 35' Fruehauf flat, $1000. 71 40' Fruehauf van, slider on 20, $1800. 35 and 40' storage vans for sale or rent. Keens 717-626-5420.

1972 Chevy triaxle dump truck, good running diesel, 717-286-6096.

For Sale - two 5th wheel flatbed trailers, one 28' and one 30' both with 8' goosenecks, good for hay or machinery, can be seen at Good's Auction, Leola, PA. For information contact Robert Kemmerer Box 100 Palmdale FL. 33944, 813-675-1852.

1968 International w/14' body, hoist and blower. 717-354-0301.

For Sale - 1971 Ford school bus, 66 passenger, very good condition, $2000. 301-877-1703.

For Sale - 1979 Chevrolet C60 truck w/18' Jerdan rollback bed, 21,000 miles, 22 GVW, mint condition. 717-258-6158 or 717-766-9582.

70 IH C01810A, 392 engine, 5+2, 33,000 GVW, 18' aluminum grain body, hay rack and dual action tailgate. Lancaster County 717-786-1882.

For Sale - tandem axle grain truck, 19' bed with hoist, 500 bushel, diesel, good running cond., 717-733-9723.

'83 Int. dsl., 9 liter engine, roll back, 24' bed, 900x20 tires, less than 500 miles, will sell or trade on similar cheaper truck. Kermit K. Kistler, Inc. Call 8-5, Saturdays 8-12. 215-298-2011.

1973 Chevy straight truck with high rack body, new inspection, engine needs work, price neg., 717-656-4211.

1971 International 392 gas engine, 16' aluminum dump body, w/air discharge, excellent mechanically, $8000; 1979 International 466 DT, 40,000 miles, new aluminum 16' bag/bulk feed body, priced to sell, $39,900. Call or see at Feedmobile 717-626-2680.

For Sale - 25' Gooseneck livestock trailer, 3 axle, $2400. 201-859-2616.

REAL ESTATE

For Sale By Owner- 360 acre dairy farm, 155 acres tillable, 95 tie stalls on pipeline, 1000 gallon bulk tank, heifer barn, attached machine shed, two 20x50 silos with unloaders, good 10 room house, 2 bedroom trailer, located in Central New York, $135,000, write to Lancaster Farming, PO Box 366 J-274, Lititz, PA 17543.

Beef or horse farm, barn, slaughter house, approx. 20 acres pasture with stream, 45 tillable, beautiful ranch home, 3 bedrooms, 1 and ½ baths, full basement, 2 car garage, location south of Wellsboro, owner will partially finance 717-724-7466.

For Sale by owner - Beautiful remodeled 4 bedroom farm house, custom oak kitchen, wall to wall carpet, dining room, living room and TV room w/fireplace, large garage in basement, oil baseboard heat and wood stove, beautiful view on 8½ acres, outbuildings include 2 large poultry houses 30x120 two story that could be used for other purposes also, must see to appreciate, reduced for quick sale. 717-582-2352. 717-582-2358 Perry County.

Beautiful working horse farm, 50 acres, steel buildings, modern apartment. Owner retiring. Make offer. Phone eves. 609-466-3426.

3 acres of ground for sale, about ¼ mile from town limits. 302-284-9327.

Montg. Co. East Greenville PA. Picturesque 31½ acre farm joins golf course, air strip, stone colonial, walk in F.P., random width floors, original log cabin deed to 1683, windmill, barn for steers or horses, stream, 3 acre woods, alfalfa, oil gas lease, $198,000 by owner, 215-845-7845.

Mohawk Valley-Beautiful 4 bdrm. split level contemporary. Fantastic view of valley! NYSTA exchange #27. $110,000. Real Estate by George Holiday Inn Amsterdam N.Y. 12010 (518) 842-1591.

For Sale - 415 acre Grade A dairy farm; 96 stall barn with pipeline and attached heifer barn; 2 homes; land contract; $365,000. Deneys Brothers Farm, R.R.#2, Box 246, Marinette, Wis. 54143, 715-735-5193.

Crawford Co. PA - 184 acre farm, 150 acres tillable, 20x60 Harvestore silo, 37 cow stanchion barn and other buildings, can be purchased equipped or bare, C14-587-3560.

For Sale - 40 acres good farmland in Missouri, plus 3 bedroom house, garage, barn, new deep well, all for $41,900, 607-589-4578 or 417-548-2727.

44 acres Cecil County Conowingo, partly wooded w/stream, included is mobile for temporary housing while building. 301-939-2774.

For Sale - 68 acre dairy or beef farm, Berks Co. PA, 60 acres tillable, 4 bedroom house all conveniences, large barn, sheds, silo, ½ acre pond, some owner financing, 215-693-5624.

Minnesota's finest dairy, 85 tie stall barn, produces over $740. per day in milk, St. Charles Minn. Write or call for Brochure, Realty Markets, Inc., 2824 Fairview Ctr. S.E. Rochester, Minn. 55901 (Big Rog) 507-282-3232.

756 acre dairy, 5 barns, shop, lakes, creek, springs, 2 homes, hard top road, milk winters, all or part, $495,000, 901-584-8057, Dwayne Noles RR3, Camdem TN, 38320.

REAL ESTATE

Minnesota Dairy Farm $900 per acre, 50 cow parlor barn, for sale on easy contract for deed. Realty Markets, Inc., 2824 Fairview Ctr. S.E. Rochester, Minn. 55901 (Big Rog) 507-282-3232.

Farm- Central New York, 145 Acre, excellent barn, pond, 55 acre wooded, 70 tillable, remodeled house inside and out, excellent location, $110,000 owner, 607-849-6193.

6 miles southeast of Honey Brook - 118 acres with house $1940 per acre - owner financing - call Hayes Oxford Inc., 215-932-3092.

191 acre farm, Washington NJ, old stone house, 2 streams, principals only, 201-362-6565.

NEW YORK: ONE OF YATES COUNTY'S best farms - flat level land, 50 cow dairy with DeLaval pipeline system. 3 bedroom well insulated farm house. Move to the farm for the good life. 110A Century 21 Four Seasons, Penn Yan, 315-536-7456.

LEBANON COUNTY - 19 acre farm with large pasture and stream, 15 acres corn, 44x332 breeder-chicken house contract available, small barn, 3 bedroom house in good cond., for further information call anytime, 717-865-5110.

13 acres secluded woodland. Perry Co. Private road, beautiful home site. Owner financing available. $19,900. 717-536-3601.

S. Franklin Co. Farms 180 ac. dairy farm; 150 ac. dairy set-up; 125 ac. general farm; 30 ac. farmette, 2 homes. Koons Real Estate Inc. 717-597-8300

120 acre dairy farm, owner financed, large barn, modern house, other buildings, sugar bush, could be converted to horses or beef, crops included. New York state. Send reply to PO Box 366 A-62, c/o Lancaster Farming, Lititz, PA 17543.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

FREE SUMMER '83 CATALOG! 5,287 properties, 2,076 pictures! Values in every type of real estate, many owner financed! From 600 offices in 43 states. Get your FREE copy NOW! P.O. Box 773A, Dept. 6490, Harrisburg, PA 17102. Call toll free: 1-800-641-4266.

Modern Large Home. 114 acres. Option for 85 more. Several barns. Near Goodhue Lake, Addison, N.Y. $79,000. Rittenhouse (607) 292-3239 after 5.

2 Perry Co. farms for sale by owner. Farm #1 - 75 acres, 70 tillable, very good state of production, stream and never failing spring, 2 story dwelling, 3 bedrooms, 1½ baths, hot air heat, wall-to-wall carpet, remodeled, bank barn, 2 machine sheds, one grain building and 2 new grain bins. Farm #2 - 107 acres, 95 tillable, no buildings, very good state of production. Farms can be sold as unit or separate. Located in valley between Millerstown and Liverpool. 717-444-3545 or 717-589-3527.

For Sale - 100 acres farmland, excellent location in lower New Castle, DE. Includes. 1. 1870 brick farmhouse, barn, milk house, silo on 4 acres. 2. 76 acres in corn, soybeans, hay and pasture (will divide) 3. 20 acres-16 tillable, 4 woodland. Write to PO Box 366 R-57, c/o Lancaster Farming, Lititz, PA 17543.

REAL ESTATE

9% owner financing on more than half of the purchase price of this 118 acres @ $1940 per acre - Martin's Corner, Chester County. Call Hayes Real Estate 215-932-3092 or evenings 717-354-9534.

Horse breeding - training - boarding farm on 10 acres, 20 stall barn w/attached indoor arena. 3 bedroom stone house, 1½ bath, 2 car garage, stream and view, $140,000. 215-250-9336.

6 miles east of Compass - 118 acres $1940 per acre with log and stone house. Call New Holland evenings 717-354-9534 or days 215-932-3092 - Hayes Oxford Real Estate.

Fireside Realty Real Estate, Danville, PA 717-275-2677. Columbia County operating dairy farms, one w/170 Ac. 67 cow free stall barn w/automatic bunk feeder, bank barn w/flat parlor pipeline and storage, 20x80 and 20x40 Harvestore silos plus other outbuildings. Large 4 BR house on macadam road, $375,000. Second one had 50 Ac. w/52 stanchion bank barn, 20x60 cement silo w/unloader. Two story house, $150,000. Call George Boudman 717-458-6668.

$1940 per acre - 118 acres with house. Owner financing Martin's Corner, Chester County. Call Hayes Oxford, Inc. 215-932-3092 or evenings at New Holland 717-354-9534.

For Rent - 3900 square ft. building, formerly jug milk store, call Hoffman Farms, Inc. Barto, PA 215-754-6441 or 215-754-7751.

Family with own help desire to operate large dairy or beef farm. Bedford Blair Co., lease incorporate 717-354-8598.

340 ACRE FARM, southern York County, Penna., near Maryland Border, only 5 miles from Rt. 83 at Shrewsbury, full set of buildings, pond, approx. 2 miles of road frontage, zoned residential, owner financing available, call toll free 1-800-241-3330 ext. 388 or 717/741-4671 (204827)

For Rent - 4 room cottage, barn and approx. 20 acres, Christian farmer and wife, 215-793-1370.

Wanted to rent - Young couple looking to rent dairy farm. We are looking for about 100 ac. and barn for 30-40 cows. We have some cows and young cattle. 215-383-6228.

98 acres farm, Perry Co. 85 acres farm, dairy, freestall, new house, Cumberland Co. Charles H. Forry, Real Estate Broker. 717-392-6655 Office or 717-464-5126 home.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

Snyder Co., Chapman Twp., 130 acres general farm, approx. 100 acres tillable, 2 story frame dwelling, bank barn, outbuildings. Asking $1,000 per acre or best offer. Must settle estate. 717-374-8333. 215-822-3822

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092 between 6-7 AM

NEW YORK DAIRY FARM

300 Acres, 120 tillable, modern 50 cow barn, two silos, good 4 bdrm. home. $135,000 $35,000 down balance 15 years 10½% interest. A very good buy! Write for free farm list.

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R.D. #3
Norwich, N.Y. 13815
(607) 334-9727

CATALOG OF FARMS
Free Catalog #56
List 100's of Dairies, Farms, Businesses and Recreational Property.
FREE - Call or Write Today!
AMERICAN FARM DIGEST
3546 WATSON RD.
ST. LOUIS, MO. 63139
1-800-325-9943

221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake. Price reduced for quick sale.

Owner financing.

607-243-8669

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

MARTIC TWP.
LANCASTER CO.
Nice 50 acre farm, hog and tobacco.
UPPER OXFORD TWP.
CHESTER CO.
Productive 74 acre dairy farm.
CHRISTIAN M. MOSEMAN
Akron, PA
717-859-1004
717-529-2678

FARM AVAILABLE NOW

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

LEBANON COUNTY DAIRY FARM

60 acre farm. 44 stanchion, pipeline, bulk tank, bank barn, 2 silos, manure loader, steer pens, heifer shed, all excellent condition Spring fed pond in 10 acre fenced pasture. Frontage 3 sides All bldgs. with southern exposure Large 2,280 sq ft. brick house + summer house. 1800's beautifully restored & remodeled. Kitchen looks like Armstrong ad. Landscaped Newly macadamed lane Beddington loam high state of cultivation Possible rental field adjoining.

Call Mary Hernley
Derry Realty Co.
717-273-9351

GOLDEN OPPORTUNITY

7 rm. house with 4 BR on 50 Ac. Step down kitchen & liv. rm. Insul., storm windows, N.G.F.A. heat, gravity feed spring. Good hunting & spect. views on property. Swimming, boating, fishing, at lg. public rec. area nearby. 17 Ac. woods, bal. open $43,500 C-912

3000' BORDERS STATE FOREST!

Investment potential, great hunting & a beautiful area. Abundant mountain laurel, oak & white birch. Perfect for the camp of your dreams. 28.4 acres near Baldwin Run & Asaph Wilderness area, in Tioga Co. $22,000 C-708

HOBBY FARM

2 Story, 4 BR. farmhouse. Full cellar, partial alum. siding, storm windows. Concrete front & back porches. Remod. downstairs, lg. kitchen & bath. 55 Ac. total, 40 tillable. Mtn. views, southern expos. Priced $46,900. C-798A

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OF WESTFIELD
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OFFICE +14-367-2249
After 5:00

Bruce Batterson	717-724-2459
Jim Hepler	717-724-3717
Jim Smith	814-367-2305

126 acre - 56 cow dairy & full line of farm equipment. SOLD

CUMBERLAND COUNTY

410 acres of Murril soil - 2 streams - facilities for beef and huge corn barn. Can be broken into smaller farms. Owner financing.

24 acre - very nice 2 story brick house w/2 baths, bank barn for beef.

37 acre w/6 yr. old one story frame dwelling w/about 1000 square feet mostly mountain land w/stream in back yard.

DAUPHIN COUNTY

93 acre general farm w/2 story frame house - 3 car detached garage and bank barn, etc. Only $155,000.

33 acre farm, 2 story frame house, bank barn, $68,500.

BROILERS

115,000 capacity operation, w/ranch style house and attached garage on 10 acres. Also large truck garage. 15 miles from exit 13 PA Turnpike.

YORK COUNTY

173 acres - 70 t.a. Overlooking river, only $925 per acre.

CLINTON COUNTY

100 acre level limestone dairy. Very nice w/owner financing.

FARM & HOME REAL ESTATE
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Carlisle	Willow Street	Lancaster
717-776-3967	717-464-2669	717-392-1177

Broker-J. Irvin Denlinger
717-898-8962

REAL ESTATE

Farm For Sale
100 acres prime land, near PA line, beautiful Colonial home, used as dairy, suitable for beef or horse farm, owner financing.
301-658-5877

FARM
Acreage with 4 bedroom farmhouse, newly remodeled barn, corn crib and silo. Call for details! $159,900

INCOME PROPERTY
"Mom" and "Pop" type restaurant in Perry Co. Accommodates 50 people inside & more outside. Great income! Priced to sell. $84,000

COLDWELL
Banker, MGM Realty, Inc.
245-2450 — 657-8700
761-7900 — 939-7888
944-4606

157 acre dairy farm near Chambersburg with 110 tillable acres. Asking $180,000, unharvested crops included. Immediate possession.

VanCleve Real Estate
Phone: 717-392-3032
anytime

FOR SALE
225 ACRE FARM, heart of the Finger Lakes, 130 acres tillable, woods stream, 8 room remodeled house, 2 silos, 54 stanchion barn, pipeline, crops planted, cows and machinery available if desired, good milk market. Extra housing for help.
315-364-8846

FOR SALE OR TRADE
160 acres all tillable on highway, 2 miles north of Versailles. Excellent House and out buildings. 3 barns, Hog and Cattle feeding floor, Grain Storage, fenced and cross fenced.
Terms
816-433-5545 or 816-433-2496
(evenings)
Ask for Benny

REAL ESTATE FOR SALE
375 Acre Dairy Farm. In production. Lower Bradford County. 70 stanchion barn. 1500 gal. bulk tank. 4 concrete silos with unloaders. Excellent remodeled farm house, and 3 bedroom trailer home. Several outbuildings. Cows & machinery can be purchased separately. This farm is in very good physical condition. The price is $450,000.00.

UNITED FARM AGENCY OF PA, INC.
RD 1 Towanda, PA 18848
717-265-5924
For further information
call Sara Millard,
Broker Assoc.
717-363-2482
Days or Evenings

REAL ESTATE

We want to rent a farm of reasonable size now or in fall '83. Preferably with option to buy. We are experienced and a responsible couple and are no dreamers.
days 301-972-8626
nights 301-349-2167

Blair County - 100 Acre Farm, near Martinsburg, large bank barn, 2 silos, horse barn, machine shed, excellent location $220,000 #160G

Cambria County - near Ebensburg, You name acreage and price - 55 to 100 acres beef farm, 2 story, 4 bedroom home, Virginia style heifer barn, other outbuildings, ever-flowing spring, 55 A. tillable, balance pasture and woods. Priced from $62,500 to $90,000 #157M

Slick Real Estate
Roaring Spring, Penna. 16673
Call: (814) 224-4006
or (814) 224-4577

FRANKLIN CO. PA.
Modern dairy farm with 170 acres (130 tillable), bulk tank, pipeline with 4 units, automatic washer, upright silo and trench silo included with sale. Large bank barn with other outbuildings and modern 2 story brick house with country kitchen and fireplace. Stream borders property.

ERA
GARMAN REALTY
999 Lincoln Way East
Chambersburg, PA 17201
717-264-7999

EASTERN SHORE, VIRGINIA
Dairy Farm - 123 acres, 62 acres cleared, 42 in pine trees, very nice farm house, 3 bedrooms, 1½ baths, barn, milking house, 2 silos & other buildings, on water w/own harbor, $345,000.

Peaceful Beach - 200 plus acres, 3300 feet on bay, campground w/facilities, $450,000.

Rancher - Currituck Creek, 3 bedrooms, 3 baths, family room w/fireplace, 3 plus acres, beautiful home and location, $125,000.

Adams Real Estate& Auction Service
P.O. Box 541
Exmore, VA 23350
804-442-3200

Private
61 acres, 30 tillable, woods and pasture. Fronts on 2 roads. good access. Real nice 5 bedroom, 1 story house, 2 car garage in basement, natural gas heat. 2 story barn, in good condition, spring water. 16x32 in ground pool Woodhull area of Southern New York $56,000.

Dairy Farm
424 acres, 200 tillable, 100 pasture, balance wooded, year around creek through pasture, drilled well, large bank type dairy barn for 73 cows. Guttercleaner, 2 silos w/unloaders Bulk tank, milker pump, barn set up ready to go. Heifer barn, 10 room house, 7 bedrooms, in good condition. Productive land, 50 acres alfalfa. 120 day growing season. Long term owner financing. $190,000.

LEW Real Estate
Dick Wilson - Broker
141 Chestnut St.
Corning, New York 14830
607-937-5637

REAL ESTATE

DAIRY FARM
320 acre jug milk operation, located in eastern PA, well equipped everything goes lock, stock and barrel.
For confidential information call Mr. Long.

STIMMEL-GRAUL REALTOR
PO Box 1883
Allentown, PA 18185
215-434-4878

FARMS, FARMETTES, LAND
Exclusive Listings throughout Central PA
- 22 Operating Farms - Blair, Centre, Clinton, Huntingdon, Lycoming, Northumberland, Mifflin Counties.
- 9 Farmettes - Centre, Clinton & Huntingdon Counties.
- 20 Rural Land & Cabin Listings.

Please call or write for free detailed lists. See June 18 and July 16 issues for complete inventory.

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Don Myers (814)422-8111 (Bedford) Richard D. Rhoad (814)839-4271
Mel Rockey (814)466-6606 (Huntingdon) Rachel Port (814)669-4194

KISSINGER LEONARD & ASSOCIATES Realtors
Frederick J. Kissinger, Realtor
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245 S. Allen St.,
State College, PA 16801
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DAIRYMAN'S SWEETHEART
or country gentleman's estate. Either way, a dream fulfilled with exquisite view of the Mohawk Valley from your beautiful 4 bedroom Colonial home. Modern kitchen boasts Amish crafted cherry cabinetry. Fantastic setting with 4 ponds, evergreens, and shade trees surrounding excellent 45 cow barn, machine shed, 4 bay garage. Area's finest soils on 139 acres. Nearly all tillable, producing tremendous alfalfa and corn yields. 44 Milkers and big line up of show room condition equipment. $225,000 with $80,000 down. Retiring owner hold balance at 10% for top candidate only.

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Fultonville, N.Y. 12072
518-762-8268
518-922-6301

WIMPLE REALTORS... STATEWIDE FARMS
SOUTH-EASTERN NEW YORK

INVESTOR FARMS NEAR NYC: five new dairy/investor farms listed within 2 hours driving distance of New York City. Several horse farms listed in same area. Call WIMPLE'S SLOANSVILLE OFFICE for details: 518-875-6355

CENTRAL NEW YORK

BOONVILLE AREA: 245 acre sandy loam farm, 120 tillable, 85 acres in alfalfa. Good 70 cow barn with cleaner, 2 unloading Unadilla silos. Nice 4 bedroom home with room for apartment. INCLUDES. 42 milkers, 31 YS, tractors and all machinery. $265,000 or will sell bare. For appt. call 315-348-6148 or WIMPLE'S SLOANSVILLE OFFICE.

ST. LAWRENCE VALLEY

JEFFERSON COUNTY'S RICH BLACK LOAM soils are on this 400 acre farm with 240 tillable. 200 acres in corn. Pretty area. Clear span 80 cow free stall barn, double 4 herringbone parlor, Harvestor plus cement silo, maternity pens, 1000 gallon tank, (nearly new). Good 5 bedroom home painted white. $175,000 with $40,000 down. CALL WIMPLE'S GOUVERNEUR OFFICE: 315-287-4163

FRESH NEW FARM LISTINGS COMING IN DAILY. LET US KNOW WHAT YOU LIKE... WE HAVE OVER 400 DAIRY FARMS ALONE TO CHOOSE FROM. FREE CATALOGUES.

REAL ESTATE

FOR SALE
80 acre farmette in Clymer Township, Tioga County PA. Located on the property is a 24x60 insulated Wickes building most recently used for a farrowing unit but would be adaptable to veal or sheep. Also located on the property is a 24x24 garage and a mobile home in rough condition. Priced to sell at $48,000. Contact
Headwaters Farm Credit Service
717-724-1961

Longacre

EXCLUSIVE PA FARMS FOR SALE
See our detailed ad in the June 18 and July 9 inssues.
Please call or write our office for detailed farm list.

PAUL M. LONGACRE REAL ESTATE
Box 186 Rt. 100
Hereford, PA 18056
215-679-5919
Also licensed in DE, MD & NJ

REAL ESTATE AUCTION
SAT., JULY 23, 1983
at 2 PM
Mansfield, PA. (Tioga County)

4½ scenic acres w/attractive, spacious 2 story secluded country home. Historic Pennsylvania farm-house would be antiques-lover's dream. Hardwood floors, full basement, and has attached apartment w/private entrance. Also barn: 2 story 30x60 w/stalls & garage. 2 acres pasture w/good spring. Good fishing & hunting in immediate area. 5 mi. from Mansfield (college town), 20 miles from Elmira, N.Y. Real opportunity for country living.

OWNERS: Mr. & Mrs. Clyde Flack. Call 717-549-5882 Eve. for info.
OPEN HOUSE: Sunday, July 10 & 17 from 1 to 3 P.M.
AUCTION MANAGED & SOLD BY:
DICK CRITTENDEN AUCTION CO.
MANSFIELD, PA
717-662-3131, 3409
Let us sell your Business, Home, Farm, the auction way!!!!

FARMS FOR SALE

148 Acre General Farm	Lebanon County
79 Acre General Farm	Lebanon County
30 Acre Commercial Farm	Lancaster County
77 Acre Dairy Farm	Lancaster County
83 Acre Dairy Farm	Lancaster County
100 Acre General Farm	Perry County
110 Acre General Farm	Perry County
145 General Farm	Perry County
57 Acre General Farm (No House)	Perry County
60 Acre General Farm	Perry County
80 Acre General Farm	Cumberland County
170 Acre General Farm	Cumberland County
188 Acre General Farm	Cumberland County
16 Acre General Farm	Northumberland County
19 Acre General Farm	Berks County
38 Acre General Farm	Berks County
23 Acre General Farm	Berks County
15 Acre General Farm	Clinton County
32 Acre General Farm	Clinton County
11 Acre General Farm	Clinton County

LOTS FOR SALE

34 acre	Berks Co.
15 acre	Clinton Co
52 acre	Clinton Co
11 acre	Clinton Co.

Some of the properties can be financed by owners to qualified buyers.

CHRISTIAN M. MOSEMANN
REAL ESTATE BROKER
734 Main St. Akron, Pa. 17501
Office Phone (717)-859-1004 — 24 hr service
or
Paul Musser 717-733 8107
James Marsh 717-529-2678
Milton Huber 717-299-5136

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FARMS FOR SALE

40 acres $90,000
91 acres $212,000
179 acres $500,000
233 acres $800,000
272 acres $800,000
660 acres, waterfront

Cooper-Barroll Realty
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301-648-5593
301-778-0330

FOR SALE

FARMS

2 MILES SOUTHWEST OF MOUNT JOY

Excellent limestone soil and buildings fully equipped dairy farm with adequate feed and manure storage, free stalls, and milking parlor, tobacco shed, corn barn, implement storage, machine repair shop, 89 acres, 2 car garage, and double brick home 1 general farm with large stone double house, feeder, silo, machinery storage and frontage Farms divided by Little Chickies Creek with fishing and hunting, 119 acres

Will Sell Separate Settlement Negotiable

DONEGAL MANOR FARMS
Rt. 1, Mt. Joy, PA 17552
717-653-5980

FARM FOR SALE BY OWNER IN CUMBERLAND COUNTY

36 Acre hog farm, Hagerstown soil - new furrowing house and finishing house - Barn - New machinery shed and work shop - barn yard concreted and under roof - all necessary out-buildings. Beautiful remodeled 3 bedroom house, custom oak kitchen, wall to wall carpeting, 1 and ½ bath and oil base-board heat.

Route 11 - midway between Shippensburg and Carlisle.
call
(717) 776-3497
anytime

APPLE ORCHARD

Showplace 40,000-bushel apple orchard designed by Cornell. Advance technology produces prize-winning apples. High-density dwarf and semi-dwarf planting for wholesale, retail and pick-your-own fresh fruit market Packing house with packing line, cold storage, cider press. All equipment included. Owners retiring.

Thriving year-round roadside market with in-store bakery

Elegant country residence with natural wood interior trim and panelling. Modernized, architect-designed kitchen, 5 bedrooms. Tenant house. Heated workshop. Heated tractor shed Hay barn. Carriage barn with 3 box stalls. 140 acres

In picturesque rolling hills of Western NY near Finger Lakes, race track, Bristol Mt ski area, and Rochester.

This is a large investment, but it has an excellent tax benefit to buyer and can be handled with a down payment of $380,000 Low-interest loans and owner financing for only the strongest candidates If you feel you can qualify to own an operation of this caliber, call owner 716-924-3302. Brochure available to qualified candidates

DAIRY FARM with 160 acres, bank barn, loafing area, bulk tank, 4 milking units, other out buildings, with 8 room farm house and two mobile homes, only $225,000.

BEEF OR DAIRY FARM with 42 acres, bank barn, pole barn, good well, spring, good location, ask for details $79,900.

DAIRY FARM IN FULL OPERATION, over 89 acres, 5 bedroom home, loafing barn, ask for details, $260,000.

RICH AS COUNTRY CREAM, new dairy house, milking barn, large 2 story home with 126 acres, good road frontage, assumable loan, asking $164,900.

HEYWORTH REALTY
1300-B Dual Highway
Hagerstown, MD 21740
(301) 733-3701

GETTYSBURG AREA FARMS

A GRACIOUS COUNTRY SETTING - Crown this 2-story brick home on 21 plus acres. Good barn, pond, creek and woods. $93,500 (11279)

IF YOU'RE INTERESTED - In a farm for horses or beef, this is the place. Choose your acreage size and the seller will probably help finance at a good rate. Large brick sandblasted home, 40x80 barn, streams, pond and more. Will sell from 100 to 254 acres, from $229,000 to $365,000. (9705)

83 ACRE FARM - With 2 homes at a most scenic location in Adams County. Large Christmas tree crop. Land has excellent development potential with natural gas service. Price includes crop. $236,000 (8301)

MARSHALL L. MILLER, INC. REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781,
Ext. C-53

128 Acre Dairy Farm, 64 Tie Stall

122 Acre Beef Farm, 175 Feedlot

136 Acre General Farm, Beef Barn, House (poor condition)

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

COUNTRY PROPERTIES
G.D. Hannum, Realtor

PRODUCTIVE FARM

102+ acres, house and bank barn 65'x82' with slate roof, silo, stream, prime location between Oxford and Kirkwood, Pa. 67 acres tillable, 32 pasture, 3 wooded. Amish farms nearby. $275,000.

INVESTORS DREAM

47+ acres, 3 bedroom farm house, pond, excellent location ¼ mile from U.S. Rt. 1 bypass. This property must be seen to be appreciated. Road frontage $240,000.

10 acres all tillable, nice country setting located at Rt. 896 and Old Rt. 1. Convenient to Delaware and Eastern, Pa. Price $45,000.

Contact: Hale Truitt
215-347-2065 or
215-869-9310

S. NORTHUMBERLAND CO. & SURROUNDING COUNTIES

Former 80 head free stall dairy-easily converted back, feed lot for 300 steers, 2 homes, (2) 20x50 and (1) 20x30 Harvestores, large shop, 100 acres, 70 tillable, $169,000. Additional 100 acres available. Call Peter.

32 acre farmette, 25 tillable, remodeled 3 bedroom home, garage, chicken house, $45,000. Excellent terms. Call Peter

137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, $150,000. Call Peter

Bloomsburg Farm, 69 acres, 65 tillable, 3 bedroom home, $140,000. Owner financing. Call Peter

400 acre vegetable or general farm, new machine shed, 2 large barns, irrigation ponds, exceptional home $500,000. Call Peter

Modern 450 acre beef & broiler set up, mostly all tillable, prime level ground, 2 homes, $800,000 Make offer. Owner wants to sell. Call Peter

62± acre general farm, 12 room home, coal or oil heat, bank barn, $75,000. Call Peter

25 acres, 12 tillable, 12 wooded, stream through, $37,000. Call Peter

Looking for another business? We have a restaurant that seats 500, grosses $800,000 per year. $859,000. Call Peter

PETER B. CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587
Ralph has country homes and taverns.

613 acres dairy, 200 freestalls, 25x90 Harvestore, 2 large concrete, good 4 bedroom house, good soil, 10 rental units, $475,000, excellent terms.

1200 acre top cash crop, good terms, low interest, $1,175,000.

156 acre near Alvern, NY, large basement barn, very good 4 bedroom house, large shop or sales room, asking $175,000 make offer.

301 acres, barn for 90 on pipeline heifer barn, 2 large silos, 4 bedroom house, also trailer, $165,000.

203 acre dairy, operating owner, 5 bedroom house, near thruway, asking $175,000.

160 acres, 4 bedroom home, excellent lake view, $165,000.

Good operating marina w/frontage on Cayuga Lake, $220,000.

Very good service station operation in prosperous farm section, since 1930, owner retiring, make offer.

Low, taxes, good financing, excellent terms.

Samples, Try us

Roy A. Tuttle, Broker
Box 338, King Ferry, NY 13081
315-364-8311

ONE OF SOMERSET COUNTY'S FINEST DAIRY OPERATIONS

Five minutes from Somerset, 155 acres tillable, 90 pasture and woodland. Modern brick ranch home. Dairy barn with parlor, double-six Herring Bone parlor, 107 free stalls, bulk tank, heifer barn, machine shed, trench silo. Options on adjacent 200 acre farm with milk processing equipment and retail store. Owner financing. Asking $2,200.00 per acre.

RITA HALVERSON/REALTOR
Somerset, PA 814-443-4858

LARGE POULTRY OPERATION

- 125,000 Broiler Capacity -
Offered at $445,000

6 Buildings fully equipped and currently in operation as an ongoing business. All buildings and equipment have been well maintained and are in good condition. Large 24x74 rancher home with 16x32 crystal swimming pool. Located on 30+ acres of land approximately 12 miles south of Harrisburg, PA within 2 miles of U.S. Route 15. Income potential in excess of $60,000 per year. Excellent family operation. All accounting records including tax returns are available to serious buyers. Seller will finance at 10% interest with $240,000 down.

Call Vernon Anderson (Agent) 717-432-9745 or write for brochure:
204-206 Mumper Lane
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112 acres general farm, limestone, 60 acres farmed, more can be farmed, 28 acres pasture, owner financing, $165,000.

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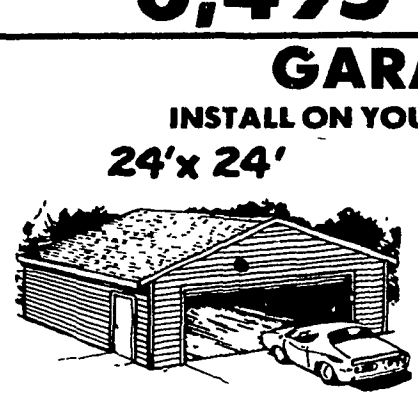

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	8'	10'	12'	14'	16'	18'	20'
2"x4"	1.69	2.30	2.73	3.10	3.64	4.43	4.92
2"x6"	2.62	3.28	3.93	4.59	5.24	6.71	7.46
2"x8"	3.88	4.85	5.82	6.79	7.76	9.43	10.48
2"x10"	5.14	6.43	7.71	9.00	10.29	12.48	13.86
2"x12"	6.77	8.46	10.15	11.84	13.54	15.59	17.32

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Pressure Treated

	10'	12'	14'	16'	18'	20'	22'	24'
4"x4"	6.07	7.21	8.22	9.87	—	—	—	—
4"x6"	—	11.25	13.09	15.39	18.69	21.79	—	—
6"x6"	—	17.45	20.39	23.59	29.65	33.35	41.29	45.99

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2"x4"	2.18	2.84	3.85	4.75	5.50
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2"x10"	5.89	7.99	11.99	13.99	15.99

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PAINTED STEEL DOUBLE-RIB	GALVANIZED STEEL © GRAND-RIB
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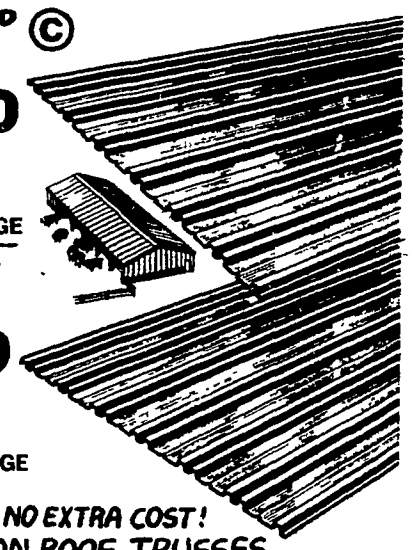

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$7.59 Bundle **$22.77** Square

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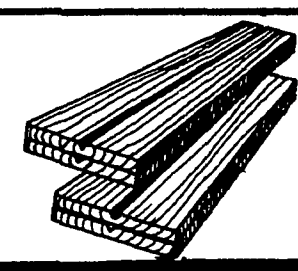
	¼"	⅜"	½"	⅝"	¾"
GIS EXTERIOR FIR	10.75	13.85	16.99	19.89	21.99
CD EXTERIOR	—	7.69	8.49	12.49	14.99

BARN SIDING

- T&G
- 1"x8" Ponderosa Pine
- Pattern #116

29¢ per Lin. Ft.



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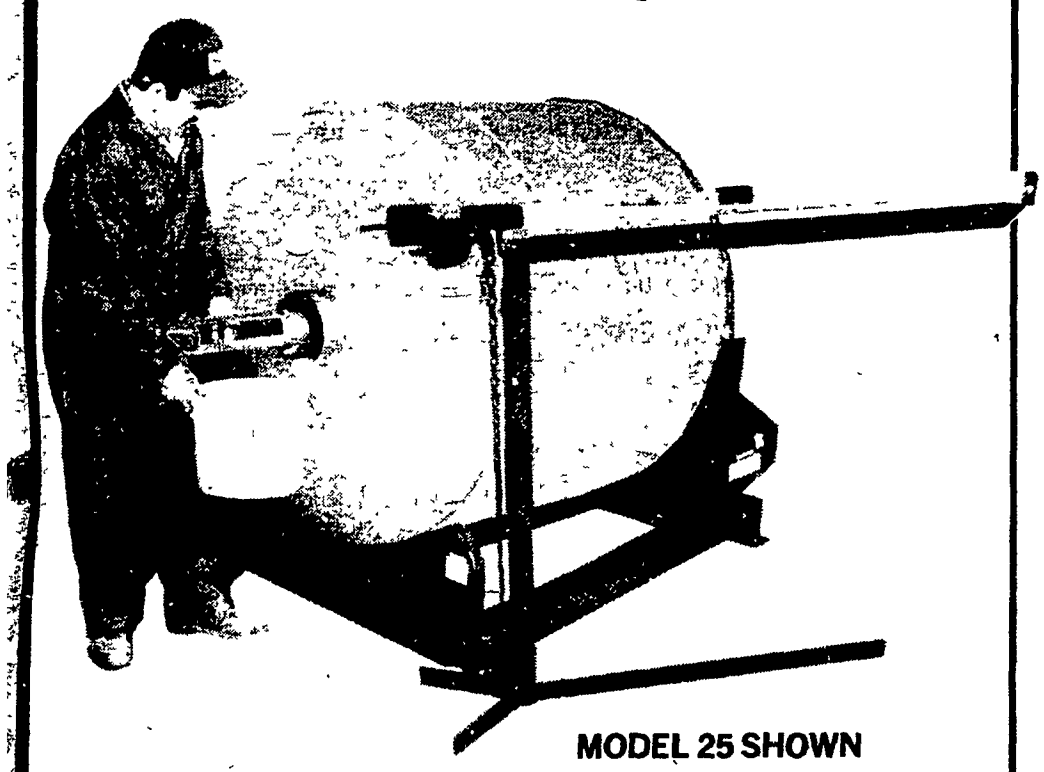
GRAIN BLENDER

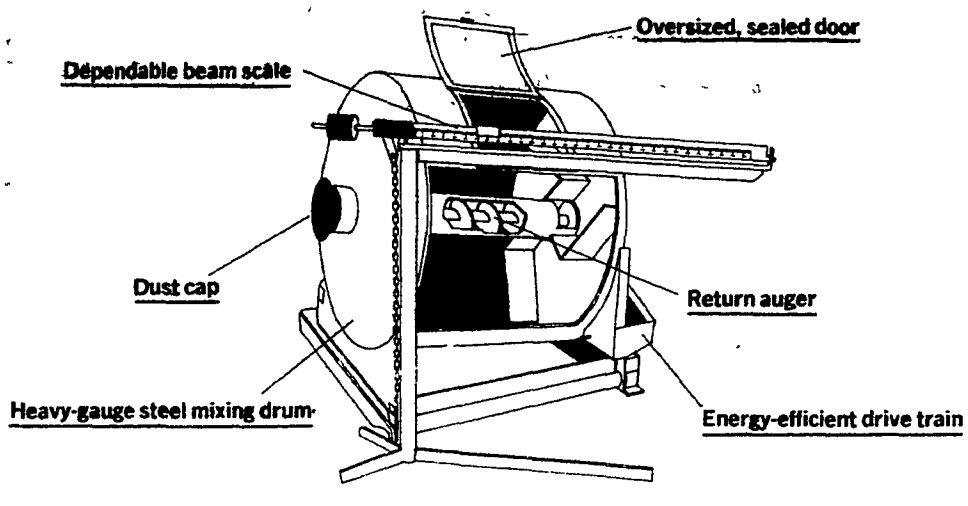
FARMASTER

FORAGE BLENDER



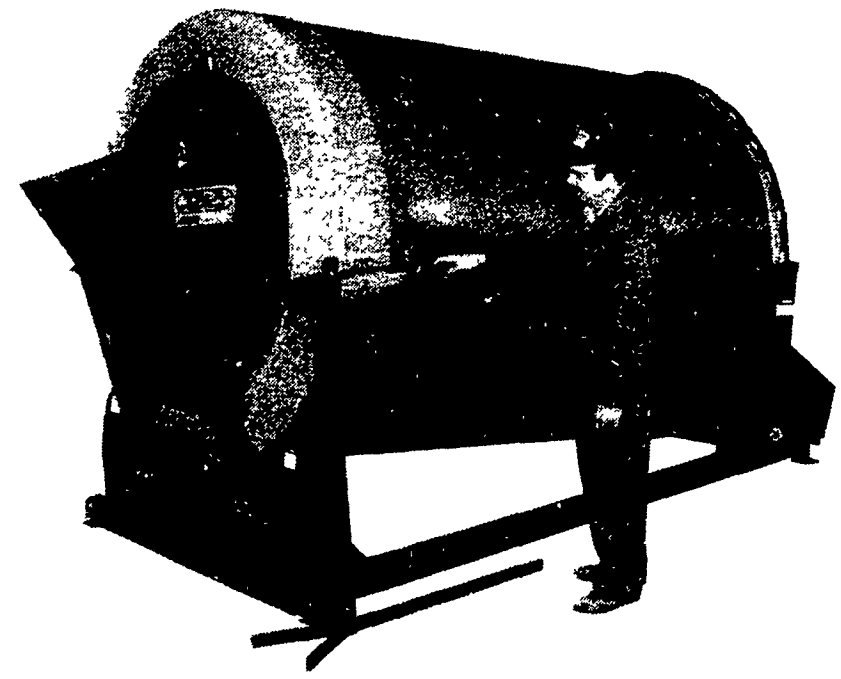
MODEL 25 SHOWN

Mix grain, vitamin and mineral supplements thoroughly, efficiently - with this new grain blender



Model 25 Specifications

	10 cu. ft.	25 cu. ft.	45 cu. ft.
Overall length	40"	56"	80"
Height	42"	56"	58"
Width	42"	52"	52"
Discharge Height	19"	26"	28"
Capacity	10 (7.4 Bu.)	25 (18.5 Bu.)	45 (33 Bu.)
Horsepower	½	1½	2
Drum Diameter	36"	48"	48"
Drum Length	24"	36"	60"
Overall Weight	295 lbs.	575 lbs.	700 lbs.



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Advanced Design Makes The Difference!

As feed enters the loading hopper and into the **stainless steel mixing drum** the **mechanical beam scale system** weighs all ingredients to the pound for the precise diet your herd needs. The tilted rotating drum and stainless steel mixing paddles create a tumble-mix effect that quickly blends the feed ingredients in 1 to 3 minutes. Due to the tilted position of the mixing drum, the feed is moved to the rear of the mixing chamber where the return paddles scoop the feed into the return auger. The return auger then moves the feed to the loading end of the mixing drum where the tumble mix cycle is repeated. To unload the blender no reverse rotating of the mixing drum is necessary. Simply lift the discharge deflector control to the unload position. The feed is then deflected from the return auger into the discharge chute for quick unloading. The stainless steel construction of the mixing drum and mixing paddles resists unwanted forage material from building up inside the mixing chamber and insures a long rust free operating life. **Bolt together construction** allows for quick installation of the blender into existing feed rooms without widening doorways or removing standing walls. **Few moving parts** along with standardized components allows for easy lubrication and quick maintenance; all critical for a successful T.M.R. feeding system.

Specs Model No.	50*	90	120	150	210
Length	88"	111"	138"	168"	168"
Height	66"	84"	88"	92"	104"
Width	62"	80"	80"	80"	92"
Loading Heighth	50"	58"	61"	67"	71"
Discharge Heighth	24"	26"	30"	34"	38"
Mix Capacity	50 cu ft. 37 bu.	90 cu ft. 68 bu	120 cu ft. 90 bu.	150 cu. ft. 112 bu	210 cu. ft. 158 bu.
At 25 lbs. per Cu. Ft.	1250 lbs.	2250 lbs	3000 lbs.	3750 lbs.	5250 lbs.
Motor H.P.	1	2	2	3	5
Drum Dia.	60"	72"	72"	72"	84"
Drum Length	48"	72"	99"	126"	126"

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Discovery of goat virus gives hope for cure of rheumatoid arthritis

WASHINGTON, D.C. — A newly discovered virus in goats may help scientists find out more about human rheumatoid arthritis.

Rheumatoid arthritis, the crippling disease afflicting millions of people, has long been thought — but never proven — to be caused by a virus that is gone before the symptoms appear.

Dr. D. Scott Adams, a veterinarian with the U.S. Department of Agriculture's Agricultural Research Service, Pullman Wash., said a research team has identified a virus — caprine arthritis-encephalitis — responsible for a similar disease in goats. It is the only virus to date that has been proven to cause chronic arthritis in mammals.

Now that the goat virus has been identified, it is being studied as an animal model for the human ailment, Adams said "A better understanding of one could lead to a better understanding of the other."

According to the Arthritis Foundation, most rheumatoid arthritis first affects people in the prime of life — between the ages of 25 and 55. Sufferers with the disease have inflamed joints, and the protective cartilage and the end of joint bones are eaten away.

Adult goats infected by caprine arthritis-encephalitis can suffer from swollen, disfigured joints of arthritis, and kids or young goats suffer from encephalitis and progressive paralysis.

But few goats — only about 3 percent in the United States — ever show any signs at all of the disease. Infected goats without symptoms can transmit the disease, thus posing a major problem for the U.S. goat industry.

Sometimes called "big knee disease," caprine arthritis-encephalitis may infect more than 80 percent of the U.S. domestic dairy goat population.

The disease, which surfaced in the late 60's, was identified in 1979 as a retrovirus — one that produces a disease only after a long incubation and persists throughout the life of the host.

"Though a vaccine against caprine arthritis-encephalitis has yet to be found," Adams said, "control measures have been developed." Using procedures developed through the experiments of his research team, he was able to bring the disease under control and prevent it from spreading.

Adams and co-researchers found that the disease is transmitted to goat kids shortly after birth — mainly through colostrum (the fluid mothers secrete for a few days after birth) and milk.

Research showed that heat can kill the virus without harming protective antibodies in the colostrum.

Separating kid goats from their mothers at birth and feeding them colostrum that has been heated for one hour at 56 degrees Celsius (133 degrees Rahrenheit) and pasteurized milk until they are weaned, Adams said, prevents further infections and can eventually eradicate the disease from a herd.

Contact between infected does and non-infected kids should be kept to a minimum, he said, since mothers could transmit the virus through their saliva and other secretions.

"We have no evidence at the present time that humans can be infected by the virus. However, we still recommend that goat milk be pasteurized in order to inactivate the virus," Adams said.

Adams' research team, based at Washington State University, cooperated with the rheumatoid section of the University of Washington's medical school in Seattle in discoverng the virus.

USDA requires deposit on quarantine space

WASHINGTON, D.C. — Effective immediately, all importers will be required to pay deposits to reserve quarantine space at U.S. Department of Agriculture animal import centers, according to a USDA animal health official.

Previously only people who imported birds and poultry had been required to pay deposits to reserve space at USDA animal import centers, said John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service.

Atwell said deposits are needed to assure use of quarantine space once the importer has reserved it.

"Importers who reserve space and then fail to present animals for entry cost the government money in underused facilities and personel and they're denying space to other importers," Atwell said.

Deposits will be $130 per animal for horses and $240 for each lot of livestock or zoo animals. The June action increases the required deposit for each lot of birds from $40 to $80. Payment may be by personal or business check, certified check or U.S. money order by an importer or the importer's agent.

Atwell said the deposits are credited toward the fees importers pay to cover the cost of keeping birds, poultry, livestock or zoo animals in quarantine. Deposits will be forfeited if importers fail to use the space they reserve.

USDA-operated animal import centers are located at Newburgh, N.Y.; Miami, Fla.; Honolulu, Hawaii; and at eight ports where facilities are maintained for imported birds only.

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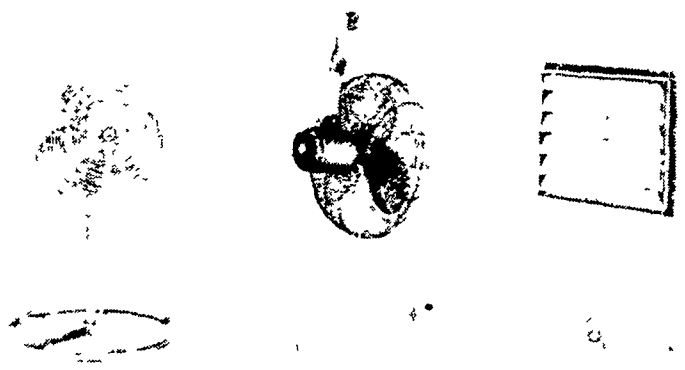

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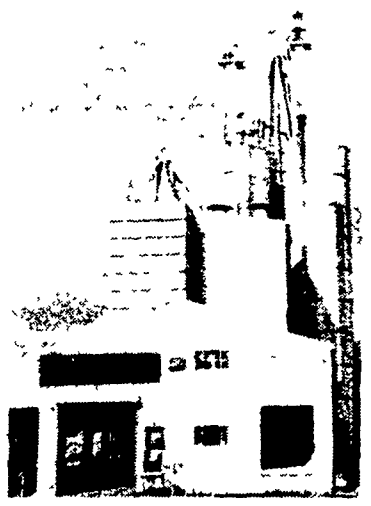

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Eradication program kills last pig in Haiti

WASHINGTON, D.C. — The last pig in Haiti is dead.

It was killed as part of the campaign to eradicate African swine fever from Haiti.

The project, known in Haiti as PEPPADEP, began killing off that country's entire swine population last May. By June 15 of this year, nearly 375,000 swine had been slaughtered, and the equivalent of $9.4 million paid as compensation to owners, said James Downard, a veterinarian with USDA's Animal and Plant Health Inspection Service.

"Once all the pigs are gone, the premises are cleaned and disinfected and eventually the swine population is replaced with disease-free hogs," Downard said.

"Killing all the pigs in Haiti was the most significant part of the campaign.

"African swine fever is a highly destructive virus disease that attacks only swine. There is no treatment, cure or vaccine for the disease," he said.

"Haiti was the last foothold of the disease in the Caribbean, where it represented a threat to swine production throughout the western hemisphere," he said. "Previous outbreaks in Cuba and the Dominican Republic have been eradicated."

PEPPADEP was established in July 1981 through a agreement between the Haitian government and the Inter-American Institute for Cooperation on Agriculture, an agency of the Organization of American States which administers the project. The United States, Mexico and Canada provide financial and technical support. The Food and Agriculture Organization of the United Nations and the Dominican Republic's Ministry of Agriculture are also providing technical assistance.

The National Pork Producers Council is playing an important role, particularly in getting pigs for the sentinel pig program and for repopulation, Downard said. Now that the country has been cleaned of disease, pathogen-free pigs are being introduced to Haiti. These hogs are particularly sensitive to disease, and serve as sentinels to detect any virus that might remain.

"As in the earlier African swine fever eradication campaign in the Dominican Republic, the campaign in Haiti required destruction of the country's entire swine population as the only effective way to eliminate the highly contagious virus," Downard said.

"PEPPADEP officials recognized that this would be a difficult task," he said. "Swine were scattered throughout the mountainous countryside, and were usually raised in backyards in lots of one to five pigs. In addition to the difficult terrain, the project faced the lack of a veterinary organization in Haiti, language problems, shortage of trained personnel and misconceptions by the local population.

"PEPPADEP officials now face the crucial last stages of the program," Downard said. "These involve cleaning and disinfection of infected swine premises, sweeping areas to assure that all pigs were found and slaughtered, and importing certified pathogen-free swine to test sites as a check against any remaining presence of the virus in Haiti.

"We expect that last stages of the eradication campaign to be completed by December of this year. If no further disease outbreaks occur in sentinel herds and other requirements are met, the country could be declared free of African swine fever by January 1984."

Del. gets Larvadex okay

NEWARK, Del. — Delaware poultry farmers have been granted an exemption allowing the use of an insecticide for control of flies in poultry layer houses.

Geier Stayton, Pesticide Supervisor for the Delaware Department of Agriculture, says Larvadex 0.3%, manufactured by Ciba-Geigy, has received approval from the Environmental Protection Agency.

The insecticide, which is premixed with feed, is only to be used for laying hens producing eggs for the consumer market. Larvadex-treated feed cannot be used for broilers, or poultry that is producing eggs for hatching purposes.

We applied for the exemption on behalf of Delaware farmers because of the insecticides' effectiveness, said Stayton. "Any farmer who might be planning to use Larvadex, and has questions, should call our pesticide section. There are several restrictions and conditions ordered by the E.P.A."

The exemption is effective immediately. It expires December 31, 1983.

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Chesley's Sales, Inc. (Mon.)
11439 Wilson Road, North East, Pa. 16428
Cowanesque Valley Livestock Market (Tues.)
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Dewart Livestock Market (Mon.)
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Greencastle Livestock Market, Inc. (Mon.)
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Green Dragon Livestock Sales (Fri.)
R.D. #4, Ephrata, Pa. 17582
Keister's Middleburg Auction Sales, Inc. (Tues.)
Box 185, R3, Middleburg, Pa. 17842
Lancaster Stockyards, Inc. (Daily)
Box 713, 1147 Lititz Pike, Lancaster, Pa. 17601
Lebanon Valley Livestock Market, Inc. (Tues.)
R.D. #1, Fredericksburg, Pa. 17026
Leesport Market & Auction, Inc. (Wed.)
Box B, Leesport, Pa. 19533
Meadville Livestock Auction (Wed.)
Box 207 R.D. #3 Conneautville, Pa. 16406
Morrisons Cove Livestock Market (Mon.)
Box 444, Martinsburg, Pa. 16662
New Holland Sales Stables, Inc. (Mon., Wed., Thurs.)
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New Wilmington Livestock Auction (Mon.)
Inc. (Feeder Pigs, 1st & 3rd Fri.)
Box 412, R3, New Wilmington, Pa. 16142
Penns Valley Livestock Auction (Tues.)
P.O. Box 451, Centre Hall, Pa. 16828
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Rt. 29 & Perkiomenville Rd., Perkiomenville, Pa. 18074
Quakertown Livestock Sale (Wed.)
201 Station Road, Quakertown, Pa. 18951
Troy Sales Cooperative (Wed.)
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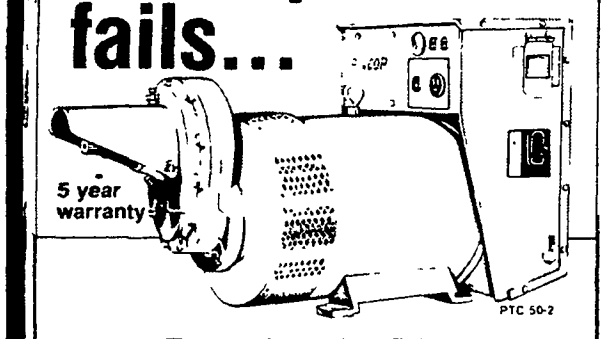

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Md. plans Polled Hereford Show in Oct.

The Lancaster Fencibles

TIMONIUM, Md. — The 1983 edition of the Eastern National Livestock Show will open on October 4 at Timonium, Md. It will feature a Polled Hereford "Standard of Perfection Show" honoring a great breeder of fine cattle, Ernie Tark, owner of Battleground Farm, Salem, N.J.

Tark started his herd in 1951 with Victor Domino cows and a great bull from Ed Moore's Double E Ranch in Mississippi. In 1958, he served as a member of the National Association's Board of Directors, also as President of the Eastern Polled Hereford Breeders Association and a founding member of the New Jersey Polled Hereford Association where he served as a Director and as President.

The "Ernie Tark Standard of Perfection Show" will begin on Friday, Oct. 7 at 7 p.m. with a Social to be held in the Maryland Room of the Hunt Valley Inn, near the show barns. Tickets to the Social can be obtained from Mrs.

Ernie Tark

Jackie Stull, Box 205, Sandy Spring, Md. 20860 (301) 421-9764.

Room reservations can be acquired at the Headquarters Hotel, Hunt Valley Inn (301) 666-7000.

On Saturday, Oct. 8 at high noon, the SOP Show will commence with the presentation of the National Colors and a rendition of patriotic tunes by the famous "Lancaster Fencibles", who were President James Buchanan's personal escort. They are led by Thomas A. Lehman, Adjutant. The Fencibles have appeared at the Lincoln Memorial; Gettysburg; New Market, Va.; Geneva, N.Y., and were with Sherman on his "March to the Sea."

Jim Harris, Senior Vice President of the American Polled Hereford Association will introduce T.D. "Dusty" Rich, President, APHA. Other festivities will follow with the show to start at 12:30 p.m.

Entry forms for the show should be secured from Eastern National Livestock Show, Maryland State Fair Grounds, Timonium, Maryland 21093 (301) 252-3555.

Montana auctioneer takes world championship

DICKSON, Tenn. — On the eleventh anniversary of his graduation from auctioneering school, Bud Knight celebrated in style — he won the 20th annual World Livestock Auctioneer Championship.

Knight, who was sponsored by Billings Live Stock Commission Co., Billings, Mont., competed against 83 other top-notch auctioneers here at Dickson Livestock Center, Inc., on June 18 for the title.

It was his fifth try for the championship title, and winning it accomplished a goal Knight said he set for himself "the day I got out of auction school." Knight was named Reserve Champion World Livestock Auctioneer in both 1981 and 1982.

"This year was the toughest competition I've ever had," Knight said after the contest. "I'm glad I don't have to do it again."

Once an auctioneer wins the championship, he is no longer eligible to compete again.

For his winning chant in this year's competition, Knight, 45, was awarded an engraved trophy, a $1,000 cash prize and the Championship ring, valued at $1,000. He also received a number of merchandise prizes and awards, including a gold microphone from the Missouri Auction School and the Golden Gavel Award from Reisch World Wide College of Auctioneering.

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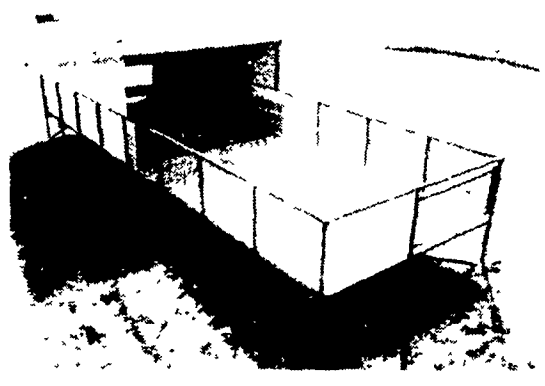

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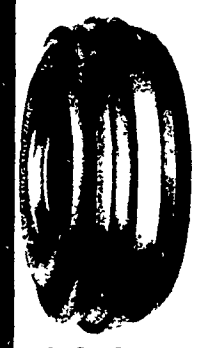

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Realtors fight enactment of POWDR Act

WASHINGTON, D.C. — The Protect Our Wetlands and Buck Resources (POWDR) Act should not be enacted because it would deny reasonable use of private property and override state and local land use planning and management, the National Association of Realtors said today.

"Abrupt changes in public policy regarding federal financial assistance in wetland areas, as proposed in the POWDR Act (H.R. 2268), will create economic hardships for landowners," Robert Elrod, a Windermere, Fla., Realtor, said. Elrod's remarks were made in testimony before the House fisheries, wildlife conservation and the environment sub-committee.

Although proponents of POWDR argue that the legislation does not prohibit owners from building on their land, "the legislation effectively denies development opportunities by prohibiting almost all forms of federal involvement for development," Elrod said.

The POWDR Act would end generally available federal programs, such as federal flood insurance, sewage treatment grants and FHA and VA loans, in undeveloped wetlands of five acres or more throughout the United States.

The legislation also would override local land use plans and management and retard growth opportunities, "thus having a detrimental effect on local economies," he said.

"While we recognize that there are wetlands of significant environmental value which need to be protected," Elrod continued, "the POWDR bill is both premature and excessively sweeping in its application."

The bill "contains no definition of wetlands, nor does it clearly specify the type of wetlands to be designated," Elrod said.

"Congress should not take such dramatic action as that proposed in the POWDR bill without first knowing which areas of the country will be impacted," Elrod stressed.

Elrod also expressed concern over the POWDR Act premise that all wetland areas are unsuitable for development.

"Development of wetland areas does not necessarily pose a risk to the surrounding areas or to the wetlands themselves. Although some wetland area may require protection, this all-inclusive legislation in excessive in restricting development for all undeveloped areas," he said.

Elrod stated that H.R. 3082, the Emergency Wetlands Resources Act, represents "a more balanced approach to the wetlands issue" than the POWDR Act because it calls for a study of wetland development before proposing any affirmative action, he said.

In addition to studying the environmental and economic impact of eliminating federal expenditures in wetlands, as H.R. 3082 specifies, Elrod said the study should consider the impact of denying federal expenditures in wetland areas on private property owners and local communities.

Aside from the wetlands study, H.R. 3082 calls for substantial increases in funding for federal acquisition of wetlands habitat, which Elrod also commented on.

"We do not generally support federal acquisition of private property, but in the case of environmentally sensitive wetlands, it is more sensible and equitable for the government to purchase those properties outright than to indirectly deny property rights by eliminating development opportunities," he said.

Elrod recommended that the Emergency Wetlands Resources Act include policies and guidelines to be followed in the acquisition process to avoid "excessive costs to the government" and "undue hardships on landowners and local communities."

Elrod also encouraged Congress to explore the idea of providing tax incentives to property owners who wish to donate title to wetlands or easements for conservation purposes.

The National Association of Realtors, the nation's largest trade association, represents 600,000 individuals involved in all phases of the real estate industry.

More dairy donations

WASHINGTON, D.C. — The U.S. Department of Agriculture's Commodity Credit Corporation has donated 2,095,000 pounds of nonfat dry milk to Colombia and 6,614,000 pounds to Indonesia for direct assistance to needy persons in that country, according to Deputy Under Secretary of Agriculture Alan T. Tracy.

In Colombia, the Institute Colombiano de Bienester Familiar will distribute the milk to children under seven years of age, pregnant and nursing mothers, children exposed to malnutrition, and families affected by the earthquake which occurred in March 1983 in Popayan and surrounding villages in the state of Cauca.

In Indonesia, the milk will be distributed by the Darhma Wanita Women's League to improve the nutritional status of children in public schools throughout the province of Java.

The donations are the eleventh and twelfth programs under recent legislation which amended Section 416 of the Agricultural Act of 1949 to allow the CCC to donate its surplus dairy products to help needy people overseas.

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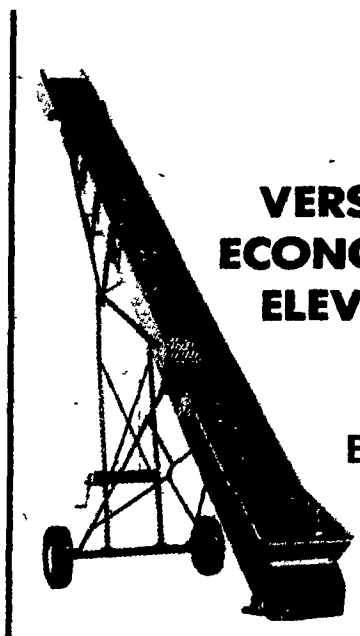

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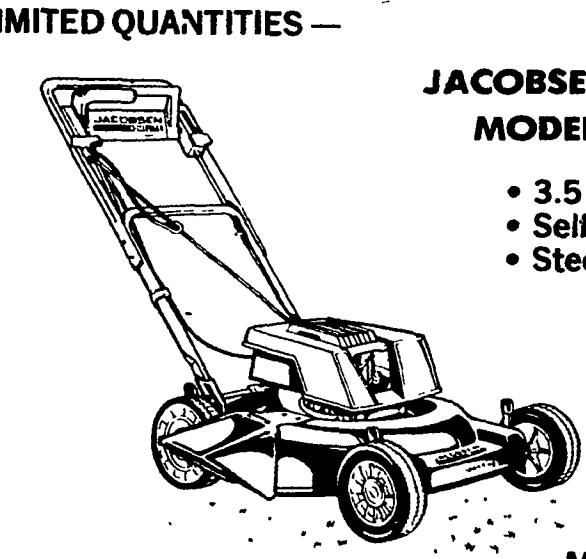

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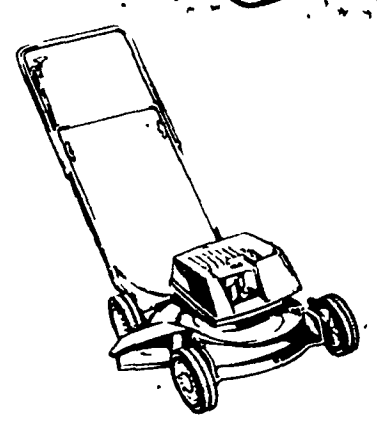

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Dairymen, beef producers share common interest

STATE COLLEGE — Dairymen have become increasingly concerned with beef promotion in relation to their livelihoods. Twenty percent of all U.S. beef is produced from cull dairy cows, dairy calves and feedlot dairy beef, according to the National Cattlemen's Association. That percentage is even higher in Pennsyvlania where more dairy cows than beef cattle are raised.

Hamburger processed from culled dairy cows has increased as a total percentage of beef marketed, while feedlot dairy-beef cattle marketed at 1,000-1,300 pounds represents a large portion of beef slaughter, particularly in areas where lean beef is preferred.

"Efforts by the federal government and the dairy industry to reduce price supports and cut dairy herd size could result in an additional dairy cow culling of 800,000 cows in the next two years," according to Dr. Dub Berry, National Cattlemen's Association executive vice president. "This could decrease cow prices by an average of $5 per live hundredweight," he said.

With increased dairy culling — filling traditional beef markets and effecting prices — joint promotional and educational programs are being developed by the National Cattlemen's Association, the National Beef Industry Council and the American Dairy Association.

These programs will help increase consumer acceptance and demand for beef. The three organizations also deal with questions and accusations posted by consumer groups regarding animal products — meat, milk, cheese and organs — in the human diet.

Pennsylvania dairymen have joined forces with the Pennsylvania Beef Council's Beef Industry Development Task Force. The Pennsylvania Dairymen's Association and the Pennsylvania Holstein Association have endorsed the objectives of the Pennsylvania Beef Council and further urge beef and dairy producers to support the Council's program at an established rate of 25 cents per head of beef and dairy animal sold for meat purposes.

"Dairy producer and processor groups have been involved in varying degrees in consumer education programs for many years," said J. Paul Espy, president of the Pennsylvania Beef Council. "It is important that similar efforts be initiated at the state and national levels to promote beef," he said. "We must also carry out our own programs in Pennsylvania, and inform the consumers about the Pennsylvania beef and dairy industries. Only then can we more successfully market Pennsylvania raised and processed beef," the Huntingdon County cattleman said.

One of the new Pennsylvania efforts in which the Beef Council is cooperating with the Pennsylania Dairymen's Association, Pennsylvania Holstein Association, livestock and agriculture industries, and the Pennsylvania Department of Agriculture is the Pennsylvnaia Meat Marketing Program.

"Just as with dairy and beef products, all red meats have similar hurdles to overcome — consumer acceptance, health issues and protein substitute competition.

"By working together and actively promoting our products, we should be able to maintain our share of the market, at a competitive and profitable price," Espy stated.

For more information on the Pennsylvania Beef Council, write to Pa. Beef Council, 862 Webster Drive, State College, PA 16801.

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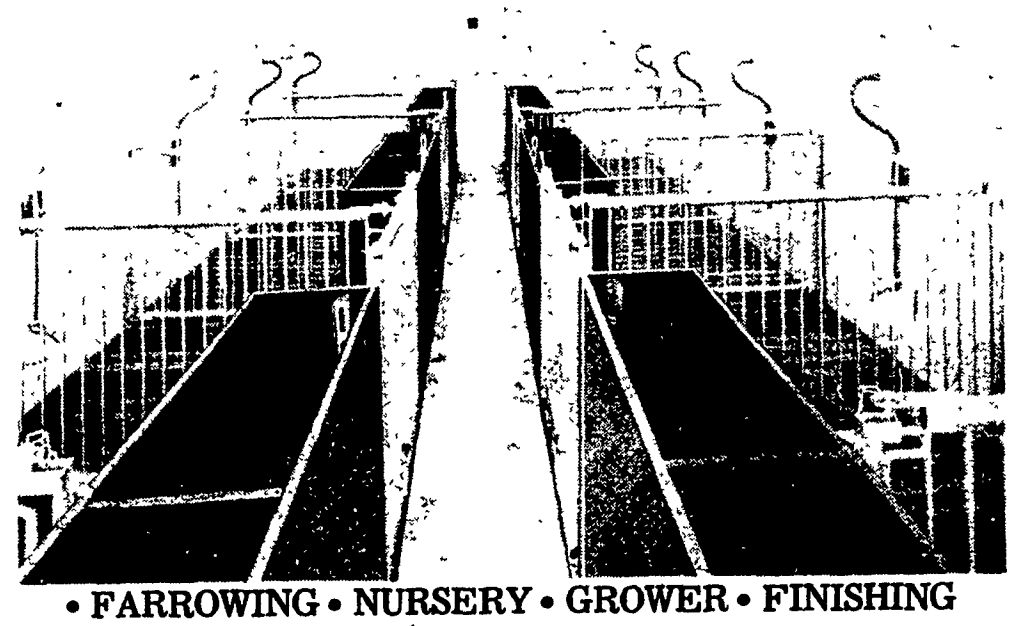

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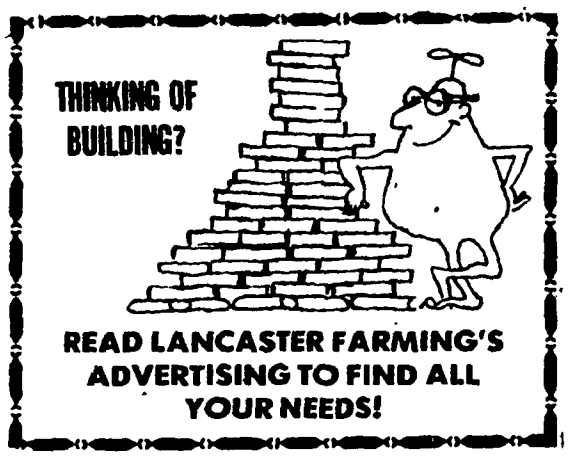

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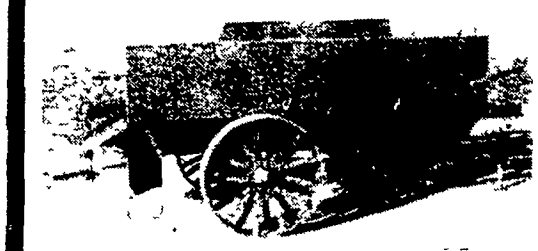

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Delaware & Maryland lead in no-till

COLLEGE PARK, Md. — Maryland and Delaware may trail most states when it comes to the number and size of its farms. But when it comes to adopting innovative conservation tillage practices, it's near the top.

According to a new survey released by the Conservation Tillage Center, Maryland is second only to Delaware in the percentage of cropland acres using no-till and other conservation tillage practices.

In 1982, no-till was used on 28 percent of Maryland's cropland. Delaware had 31 percent; Kentucky, 27 percent, Virginia, 14 percent and Tennessee, 10 percent.

Conservation tillage, which includes no-till as well as practices that allow some soil disturbance, was used on 69 percent of Maryland's cropland. Delaware had 79 percent; Tennessee, 55 percent: Iowa, 53 percent and Kentucky, 50 percent.

Figures for the survey were provided by U.S. Soil Conservation Service, Extension Service and state soil conservation agency offices.

Whitey Secor, SCS resource conservationist, attributes the success of no-till and conservation tillage in the Maryland-Delaware area to a number of factors. "Soils are one reason," Secor says. "The light, sandy soils on the Delmarva Peninsula and well-drained, silt loams on the western shore are particularly suited to no-till. Also, we have progressive farmers, who when faced with an economic crunch, are willing to try new techniques.

While fuel savings, moisture conservation and increased production resulting from double-cropping were the primary motivating factors for most farmers, Secor predicts that soil conservation will become a more important decision factor in the future.

"There's mounting concern about the effect of agricultural pollutants, especially sediment and nutrients, on water quality in the Chesapeake Bay," Secor says. "One of the recommendations of the Environmental Protection Agency's $27 million bay study is more use of no-till by farmers in the bay's drainage basin. Farmers are going to be under more pressure by environmentalists to reduce erosion and sediment pollution. Conservation tillage is one of the fastest ways to do it."

The effect of erosion on production is also becoming of growing concern, he added. "It's not uncommon to see fields where the topsoil has been either washed or blown away completely. It costs the farmer more to grow a crop on subsoil than on good, fertile topsoil."

While no-till and conservation tillage can reduce erosion significantly, they shouldn't be viewed as a panacea, Secor warns. "Farmers who are using no-till alone on steep slopes may find that gullies are still forming. Other conservation practices such as contouring, stripcropping, waterways and diversions may be needed in combination with no-till to control runoff and erosion."

Farmers who have land idled under the payment-in-kind (PIK) program have a golden opportunity to put in needed conservation practices this summer without affecting production, says Secor, especially in Maryland with the state's new cost share program.

"Farmers should check their fields and see where their problems are," says Secor. "The heavy rains we've been getting have caused a lot of erosion. Some of that is hidden now by tall crops and weeds. But they'll find it if they walk over the fields."

Farmers with erosion problems should contact their local soil conservation district for technical and financial help in erosion control and in planning conservation tillage systems, Secor added.

Flavor of lamb chops tested

CLAY CENTER, Neb. — The taste of chops from ram lambs fed a diet with alfalfa differed from the taste of chops from ram lambs fed a diet with soybean meal as the major protein source.

Determining which chops tasted best would be a matter of personal preference, says food technologist John D. Crouse of USDA's Agricultural Research Service. A taste panel consensus: Chops from ram lambs on the soybean diet had more of a musty flavor and more aftertaste but these tastes were less intense in chops from rams that had been on the diet longest.

Crouse and his colleagues at the Roman L. Hruska U.S. Meat Animal Research Center here wanted to know the influence that diet, breed, sex and slaughter weight might have on carcass characteristics and flavor of broiled lamb chops.

"Our taste panel assessed the intensities of 11 flavor characteristics rather than the degree to which panelists liked or disliked flavors," said Crouse. "A strong flavor may be desirable to one person and objectionable to another."

In an earlier study Crouse and his colleagues found that only about one time in four did taste panelists favor strong flavors over mild flavors.

The latest study was conducted to help assess the consequences of increased lamb availability and reduced consumer costs that are likely to accompany sheep industry advances in genetics, feeding and management practices.

One likely advance, Crouse says, is an expanding number of sheep with genetic potential to reach heavier market weights than most of today's sheep without a decrease in efficiency with which they utilize feeds.

Ram lambs fed out to slaughter weights of about 151 pounds produced meat with more intense gamey and sweet flavors but less intense muttony and musty flavors than did rams slaughtered at about 110 pounds. Ewe lamb chops, however, increased in muttony and musty flavor with time on feed.

In ram lamb chops derived from the soybean diet, the taste panelists detected greater ammonia, muttony and musty flavors than they did from ewes fed the same diet.

Whether lambs were sired by rams of the Suffolk or Columbia breeds included in the study made no appreciable difference in flavor characteristics of the meat.

The scientists found that carcasses of Suffolk-sired lambs weighed more and had higher USDA quality grades than carcasses of Columbia-sired lambs but they showed greater secondary sex characteristics and had lower predicted yields of retail cuts.

Lambs fed alfalfa weighed more than lambs fed soybean meal. The alfalfa-fed lambs also had higher quality and yield grades, leg conformation scores, fat thickness and percentage kidney and pelvic fat.

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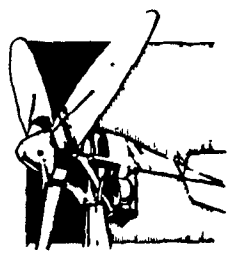

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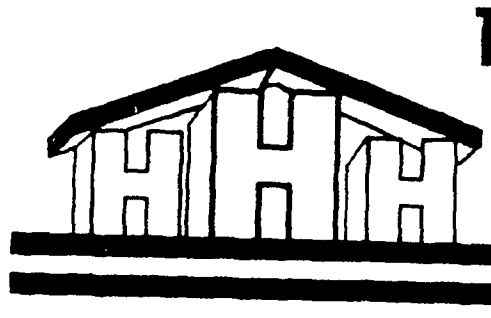

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ACSH says fast food isn't junk food

NEW YORK, N.Y. — Fast food can contribute to good nutrition, and be part of a healthful diet.

Wisely selected fast food meals can provide a significant portion of the nutrients people need each day, and they don't have to be excessively high in calories. Fast food does have nutritional drawbacks, however, including the limited variety of menu items available, and the lack of low-sodium items on most fast food menus, the American Council on Science and Health (ACSH) reported today.

Extensive nutrition information for specific items served by nine major fast food chains is included in the ACSH report Fast Food and the American Diet, along with addresses that consumers can write to for further information.

Fast food meals provide ample amounts of protein, and moderate to large quantities of vitamins and minerals. However, since variety is important for good nutrition, and the menus of fast food outlets are limited, "meals eaten at these restaurants should be incorporated into a varied diet that includes many other food choices, "the ACSH report states.

When asked if fast food could be incorporated into special diets, ACSH Associate Director Dr. Richard A. Greenberg said that "people on low-calorie diets can eat fast food if they make appropriate choices. Weight watchers must be careful about their selections, though, because fast food menus include both high-calorie items and those with more moderate calorie counts."

Virtually all chains serve some relatively low-calorie entrees, such as a small hamburger or cheeseburger, which can be combined with lowfat milk, coffee, or a diet soft drink for a nutritious meal that fits into most weight-reduction diets. Omitting high-calorie condiments such as mayonnaise reduces calories further.

"Individuals on low-sodium diets have more of a problem," Greenberg said. "At some chains, they may not find any main dish that meets their special needs."

The idea that fast food is somehow basically different from other kinds of food is a myth, according to Elizabeth M. Whelan, Executive Director of ACSH. There's nothing really unique about it. Fast food might be described more accurately as "fast-service food," she said, "because it is the style and speed of service, rather than the food itself, that makes fast food restaurants special."

"The key to wise use of fast food—and all foods—is selection in accordance with sound nutrition principles," Whelan continued. "Fast food's potential nutritional contribution to the diet is limited only by the variety of menu items available."

The American Council on Science and Health is an independent, nonprofit consumer education organization promoting scientifically balanced evaluations of food, chemicals, the environment, and health. ACSH has offices in New York, New Jersey, and Washington, D.C.

A single complimentary copy of the report Fast Food and the American Diet can be obtained by sending a self-addressed, stamped (37 cents postage), business-size envelope to. ACSH, 47 Maple St., Summit, NJ 07901.

First foal from frozen ET born at CSV

FORT COLLINS, Co. — A brown filly — first horse in the nation to be produced from a frozen embryo — was born this week at Colorado State University.

The filly was from an embryo frozen two months, then surgically transferred to a mare Aug. 3, 1982, said Dr. Edward Squires, director of the stallion laboratory, part of CSU's Animal Reproduction Laboratory. The mare gave birth to the foal June 19, 1983.

Another foal from the same process is due July 12. "We actually expected this one July 1 but she was a little early," Squires said.

The first frozen embryo filly was sired through artificial insemination by an Arabian stallion, Jazz El Morr. She was produced as an embryo last May by one of CSU's grade (mixed breed) mares and carried 10¾ months by another CSU grade mare.

"This was the only attempt we made last year to transfer frozen equine embryos," Squires added. "The transfers were for a demonstration, not for a formal experiment."

The embryo was produced last spring, when a team of ARL researchers artifically inseminated a number of CSU mares. About a week later, the team collected embryos from the mares by flushing their uteri with solution, then finding and isolating embryos, using a microscope.

Researcher Tetsuo Takeda, who mostly works on cattle embryo identification and storage, then froze the embryos. Most were used for basic studies of embryo cell composition.

Although the embryos were only frozen two months, "If you can freeze an embryo more than 24 hours and produce viable offspring it means you actually can freeze that embryo indefinitely and get offspring," Squires noted.

Being able to freeze embryos will lower costs of equine embryo transfer, Squires said. "Right now the major expenditure is for keeping recipient mares," he said.

In embryo transfer, an embryo is produced by one "donor" mare and usually transferred to a less-valuable "recipient" mare that gives birth to the foal. However, doner and recipient must be in estrus (heat) at the same time; it costs a lot to feed and house recipient mares waiting for an embryo.

With frozen embryos, "It doesn't cost you anything to wait until you have recipient mares in heat," Squires said. "You also can preserve genetics. If you have a valuable mare you can freezer her embryos and produce a healthy, normal foal 10 years later."

Squires said the world's first horse from frozen embryo transfer was born last year in Japan.

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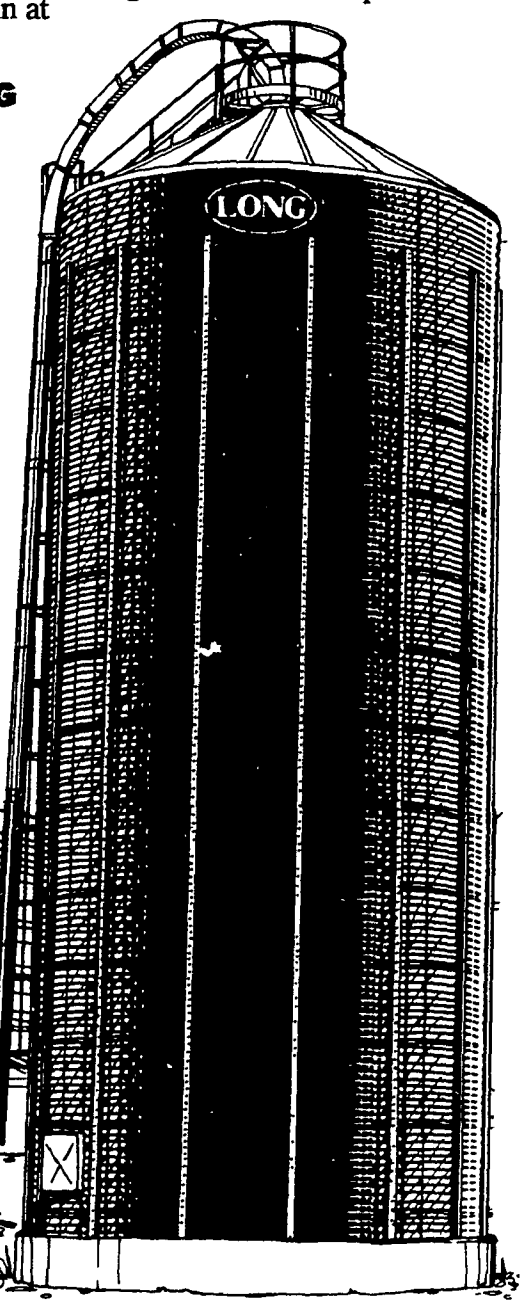

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Weeds are big crop yield-robbers

By Doris Crowley
University of Delaware

NEWARK, Del. — Even light to moderate infestations of certain weeds in a field of soybeans can drastically reduce yields. So said University of Delaware extension crops specialist Frank Webb at last winter's Delmarva Corn and Soybean Conference. He and University of Maryland extension pest management specialist Betty Marose talked about the chemical costs of controlling escaped weeds, and what it costs growers to ignore them.

Take cocklebur, for instance. Infestations of this pest have been on the rise on Delmarva. When Marose studied the effects of it and several other broadleaf weeds on soybean yields in trials at the Wye Institute last summer, she found that only four cocklebur plants in a 20-square-foot area (four feet of two conventional soybean rows) were enough to reduce yield 40 percent. Under commercial conditions, actual loss will vary depending on planting date, variety, row width, soil type, weather and other factors, but could range from 10 to 50 percent.

"A 10-percent loss will just about pay for an herbicide treatment," she said. "So if you have even one cocklebur plant in 20 square feet of soybeans, it's time to get out and spray." Webb recommended using Basagran at the 1½ pint rate on weeds less than 6 inches high. "If they get taller than that, you'll have to increase the rate to 2 pints per acre," he said.

At these rates, a broadcast treatment would cost roughly $20 an acre. The specilists said this could be reduced to just under $16 by treating only the soybean row, then cultivating middles. Combining both steps in one operation with a sprayer mounted on the cultivator would lower costs to about $12.

Given the current economic picture, broadcast treatment is expensive. "That's the only choice in narrow rows or solid seeded beans, but if you have row beans, it may pay to go the other route," Webb said.

In fields where both cocklebur and morningglory are a problem, he recommended a combined treatment of 1½ pints each of Basagran and Blazer. "Don't try to reduce the rates or there's likely to be some weed regrowth," he cautioned.

Morningglory is another serious pest in soybeans. Though not as competitive as cocklebur, it reduces yields and may cause dockage when beans are sold. In her field trials last summer, Marose said two morningglory plants in 20 square feet reduced yields between 5 and 15 percent. With eight plants, the loss could be as high as 25 percent.

For a morningglory problem — particularly in solid planted soybeans — Webb recommended using 1½ pints of Blazer. If weeds are larger or weather conditions unfavorable, it may be necessary to go up to the two-pint rate.

The specialists estimated a broadcast application would cost $16.57 an acre. In conventional tillage with wider rows, banding and cultivating would cost $14.28 an acre — $10 if done in one operation.

Timing is as critical as herbicide selection in controlled escaped weeds in soybeans. "Many of us get busy and don't return to our fields quite soon enough," Marose said. "Maybe we're still planting beans and postpone treatment a little later than we should." The delay can be costly.

In a two-year study at 15 eastern shore sites with an average of four or five morningglories per 20 square feet, she compared soybean yields under various control treatments. Where only a preplant incorporated or pre-emergence herbicide was used, yields averaged 27 bushels an acre. Hand-weeded plots yielded 37.9 bushels.

"No chemical is going to give you quite that good control," she said, "but Blazer applied when recommended — three weeks after planting when soybeans had one trifoliate fully expanded and morninglories were still less than 4 inches tall — increased yield by 5.6 bushels an acre. Even at an application cost of $16.57 an acre, $5.75 bushel soybeans would give a net profit per acre of $15.63 after treatment. When we waited until five weeks after planting, even though it was only two weeks later and yield still increased 3.3 bushels, our profit was down to $2.40 an acre. That makes you wonder if you're really doing the best job you can."

Delaying two more weeks before controlling the morninglories resulted in only a 2.3-bushel increase, and their profit was completely wiped out. In fact, they actually lost $3.35 an acre when all costs were calculated. "This shows the value of proper herbicide timing," Marose said. "You've got to get in there early, recognize the problem, and treat when you can get the most value from the product."

Another chemical effective against morninglories in row soybeans is 2,4-BD — providing it can be post-directed. At an estimated cost of $5.38 per acre (including $4 for application), Webb said it does a cheap, effective job. It can be combined with Lorox where grasses and other broadleaf weeds are part of the problem. In this case, the grasses must be short enough for the spray to go over the tops. The specialists estimated that the combined cost of applying both herbicides in this case would be a modest $9.53.

Several new types of shield equipment are available for post-directing. Whichever kind is used, Webb said the point is to keep herbicides off all but the lower third of the soybean plant. Generally, soybeans must be 12 to 14 inches tall to do this. The herbicide should go over the top of weeds, except for morningglory. Providing part of the vine is sprayed with 2,4-DB, control should be good. Most other broadleaf weeds require total contact. Post-directed sprays can be used only on row soybeans, not solid seeded ones.

Where both cocklebur and morningglory are a serious problem, a combined treatment of Blazer and Basagran may be the only solution, but it's expensive, he said. "At the recommended rate of 1½ pints each, you're looking at a cost of $32.46 an acre, applied. Again, if you have the option of banding and cultivating, you can reduce this price to about $19."

Jimsonweed is another escaped weed which can cause serious losses in soybeans. Marose said it is similar to morningglory in the amount of loss it causes. "If you have two plants in 20 square feet, you'll get an average loss of 10 percent," she said. "Beyond that, yield losses will increase. We have a beetle that feeds on Jimsonweed in this area, but you can't rely on that to reduce populations adequately. You still need chemical control."

Webb said either Blazer or Basagran gives good control of even fairly large Jimsonweed plants. The choice of material depends on other weeds present. Go with Blazer, if morningglory is present. With cocklebur, use Basagran.

Buttonweed or velvetleaf is a deep seeded broadleaf weed which is hard to control, and which also reduces soybean yields. It competes for moisture, nutrients and light. Some seedlings emerge from as deep as 6 or 7 inches in the ground, which means pre-emergence materials can't control them adequately.

Velvetleaf is less widespread than some other problem weeds, but if present, it should be controlled early. Marose had no competition figures, but said one or two plants per 20 square feet would probably reduce yield enough to justify treatment. At the 2- or 3-inch stage, she and Webb said 1½ to two pints of Basagran alone would do a fairly good job. At the 6-inch stage, use 1½ pints each of Basagran and Blazer.

Though less information is available on competition by grassy weeds in soybeans, one or two every square foot can reduce yield substantially. When grasses are very small (less than three leaves), Webb said they can be treated with Hoelon at labeled rates. This material also controls volunteer corn. The trouble is, once a grass emerges, it quickly develops three leaves, so it is difficult for a busy farmer to scout fields often enough.

Two nearly registered chemicals — Poast and Fusilade — should solve this problem, he said. They

(Turn to Page C11)

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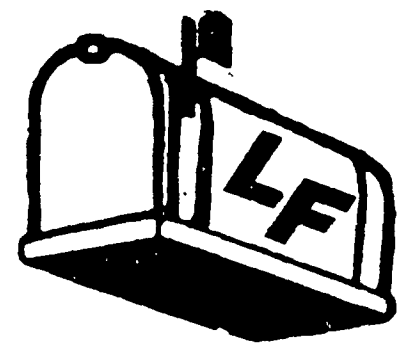

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29-$5.80	30-$6.00	31-$6.20	32-$6.40
33-$6.60	34-$6.80	35-$7.00	36-$7.20
37-$7.40	38-$7.60	39-$7.80	40-$8.00

Yield-robbers

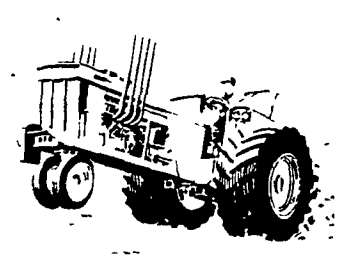
(Continued from Page C.10)

give excellent control on even 12- to 5-inch grass and are active on both annual and perennial types. Although they will control fairly large grass, he advises treating promptly as these weeds can reduce yields even early in the season.

Because registration was still pending at the time of their talk last winter, Webb and Marose were not able to give a breakdown on the costs of treatment, but they did suggest some effective rates.(Webb says it appears now that treatment costs for annuals will be about $15, and $20 for perennials.) To control annual grasses such as foxtail and fall panicum, he recommended using a pint of Poast or a half-pint of Fusilade per acre. For perennial grasses use 1½ pints per acre of Poast or ¾ to a full pint of Fusilade.

In summarizing, the specialists urged growers to make their weed control programs pay. Treat if needed, choose the proper chemicals and methods of application, and by all means treat at the optimum time. They advised farmers to consult county extension agents for advice on how best to control escaped weeds, since the right decisions could make the difference between profit and loss this year.

Tractor Pull Tally



Buck Tractor Pull Results
June 25, 1983

1550 Mini

1. Brad Shively, Millmont, PA, Rail/427 Chev., F.P. 271.4; 2. Jim Seylar, Chambersburg, PA, Rail/481 Chev., F.P. 234.1; 3. Ronnie Hoffman, Shady Grove, PA, Rail/350 Chev., 283.4.

5000 Mod.

1. Jeff Frantz, Hellam, PA, Hmde/2-427 Chev., F.P.; 2. Gary Mills, Fallston, MD, Hmde/turbine, 252.0; 3. Charles Brommer, Columbia, PA, Hmde/3-440 Dodges, 248.11.

5800 FWD

1. Dan Fellenbaum, Lititz, PA, 69 Chev., 291.10; 2. Lynda Ziegler, Bird-in-Hand, PA, 70 Chev., 262.10; 3. Ed Hanslovan, Morrisdale, PA, 80 Chev., 258.9.

1750 Mini

1. Brad Shively, Millmont, PA, Rail/427 Chev., F.P.; 2. Ronnie Hoffman, Shady Grove, PA, Rail/350 Chev., 242.1; 3. Larry Ferringer, Home, PA, Hmde/454 Chev., 224.6.

7000 Mod.

1. Bob Wittenbrader, Lake Ariel, PA, Skidder Allison, 282.4; 2. Curtis Luckenbill, Schuylkill Haven, PA, Hmde/433 Chev., 279.4; 3. Bob Brown, Hanover, PA, Case/Detroit Diesel, 276.5.

6200 FWD

1. Dan Fellenbaum, Lititz, PA, 69 Chev., F.P.; 2. Rick Yocum, East Greenville, PA, 72 Ford, 257.8; 3. Willard Cahall, Millington, MD, 79 Ford, 256.10.

9000 Open

1. John Keslar, State College, PA, Hmde/4-440 Dodges, 287.9; 2. Dick Zimmerman, Mt. Joy, PA, Case/3-440 Dodges, 287.0; 3. Earle Henderson, Baldwin, MD, Hmde/Packard, 286.11.

6 to attend co-op program

LANCASTER — Six outstanding young adults have been named winners in the Cooperative Business Education Program sponsored by the Lancaster Cooperative Council and will represent the area at the Pennsylvania Association of Farmer Cooperatives Summer Youth Institute at Shippensburg State College, July 10-13.

Those named to attend the institute are:

Michael Appel, R1, Box 110, Pequea; Robert D. Buohl, 603 Georgetown Road, Ronks; Jamie L. Frey, R2, Box 342, Quarryville; P. Marlin Mast, R1, Box 95, Morgantown; Brent Musser, Jr., R1, Box 392, East Earl; Timothy D. Pfautz, R1, Stevens.

These young leaders will be accompanied to Shippensburg by Robert Lauffer, Vocational Agriculture Instructor and FFA Advisor at Garden Spot High School.

Winners were selected on the basis of their knowledge of the business enterprise system in the United States, the cooperative way of doing business, and on activities of the participants, identifying them with school, community, church, and youth organization.

The institute program is designed to teach tomorrow's leaders more about the business enterprise system in the United States, to help in planning their future by pointing out career possibilities in agribusiness, and providing opportunities for individual leadership development.

More than 150 boys and girls, representing the best of over 4,000 participants in the annual P.A.F.C. youth education program, will attend the four-day conference.

Climax of the institute will be the selection of delegates to attend the American Institute of Cooperation's annual youth conference at Ohio State University, August 1-4. There they will join with 500 other future leaders from the United States, Canada, and Puerto Rico to take part in activities at the national meeting.

The Shippensburg institute is a joint effort of P.A.F.C., local cooperative councils, and College of Agriculture of Penn State.

FFA

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

- Farm Equipment
- Silos & Unloaders
- Buildings & Supplies
- Grain Equipment
- Dairy Equipment
- Livestock Equipment & Supplies
- Cattle
- Horses & Mules
- Sheep & Goats
- Swine
- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
- Nursery
- Lawn & Garden
- Services Offered
- Custom Work
- Help Wanted
- Situations Wanted
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FARM EQUIPMENT

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NI grain harvester, like new with 13' flexible head, cut less than 100 acres, 717-637-2251 day, 637-5270 after 5.

For Sale - 710 combine fits Uni-System with 11' cuts Universal reels, Chester Co., 215-857-3282.

Northwest single hopper potato bagger Model No. ABHL completely rebuilt and painted, 717-656-8036.

1976 MF 1135, 2750 hrs., cab, air, heat, 20x38 rubber, 75% of tread tractor in A-1 cond., $11,900, 301-349-5432.

Knight model 500 spreader, in excellent cond., 717-872-9152 daytime, 872-2579 evenings and weekends.

IH 480 disc harrow, 20' wide, all new discs, rebuilt and painted, 609-769-3183.

FARM EQUIPMENT

COMBINES - Oliver 545 w/4 row CH and 12' grain head, 2 Oliver 5542 w/12' grain heads, all in running condition. State College. 7 AM-6 PM 814-238-0133. After 6 PM 814-237-1464.

For Sale - JD 4020 Diesel, also JD 3020 Diesel both have wide fronts and in nice cond., 717-532-7054.

For Sale - 60" sickle bar, $300, cultivator $175, for Cub Low Boy, 717-566-8547.

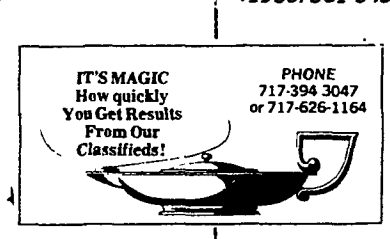
Will do welding and repair work in my shop. 717-859-3283.

TD6 IH loader w/4-in-1 drop bucket. Old antique Case farm tractor. 9 ton 3 axle tag-along trailer. 717-648-7015.

IH 844 4RW cornhead; 810 13' grain head, both v-good condition, 717-762-1674.

For Sale - NH model 696 spreader, 10 ton, good condition. Call after 3 PM 717-653-4420.

Fox forage harvester, model 2000, base unit w/2 row 30" corn head. $1900. 301-648-5279.



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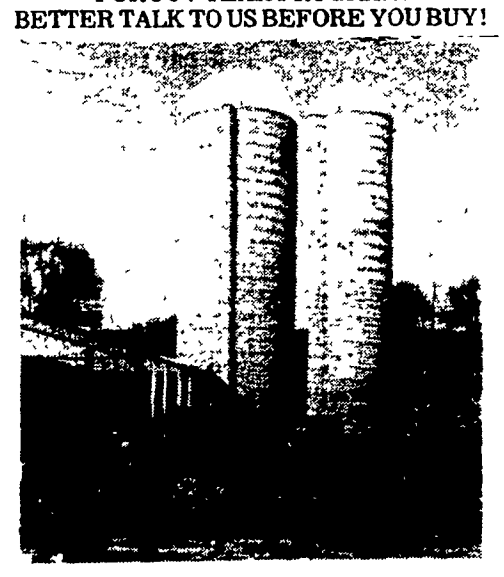

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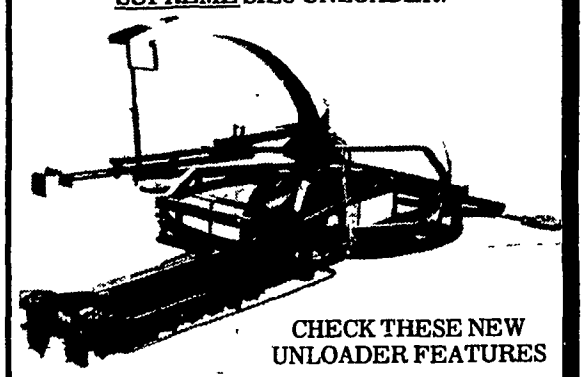

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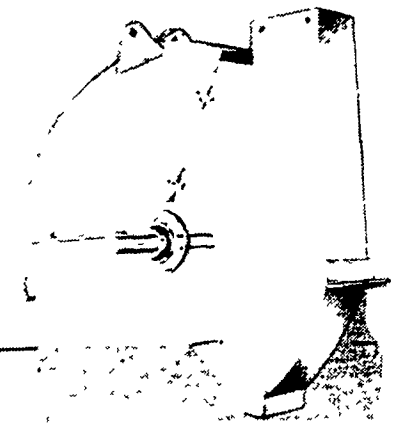

WHY STAINLESS — Besides being rust and corrosion free the stainless steel package has four times the wear resistance of regular steel

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Glencoe 14' field cultivator w/mounted scratch harrow, like new. 609-769-3183.

1974 International Harvester hydro 100, twin outlets, roll canopy, perfect condition, $8500. 301-833-9091.

For Sale - JD 2040, DFL, like new, 540 hours, PS, dual rear hyd., $9500. 814-435-2861 Tioga Co.

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Ford 2000 loader/forklift; JD RWA-9' transport disc; NI manure spreader model 212; NI corn/bale 41' elevator; grain auger; 215-795-2595 Bucks Co.

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MF 410 gas combine, 13' grain head, 18.4x16, non Q-A, $5000 215-826-6157.

For Sale - JD sickle mower, 71', model "Big Four", $350, excellent cond. throughout, 516-487-1091.

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IH 1456 dual remote hyd., 18.4x38 axle duals; heavy duty 20' Amco wing disc, new 22" blades, $12,000 takes both, 717-786-2534.

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Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

For Sale - 1980 AC gleaner, L2 corn plus, 400 hrs. on separator, 6 row narrow corn and 15' grain head, excell. cond., covered storage, $59,000, Warren Co., 201-753-5313.

For Sale - (New) NH 256 roller bar rake, $1850, 717-768-3197.

Case Diesel W5 loader with bucket and forks, 1600 hrs., 814-696-0868.

Wanted to buy - 2 row Hershey transplanter, in working condition. 215-582-5990.

For Sale - IH 7' haybine; IH 2 row and 4 row cultivators, fast hitch and 3 pt.; IH fast hitch 7' grass mower; Oliver 17 disc grain drill and gravity bin wagons. 215-562-4464.

JD 4020 wide front, ps, dual wheels, dual PTO, dual hyd., 814-696-0868.

Bear Cat Hammermill with 5' conveyor, Kore Peachey, RD 1, Box 342 Belleville, PA 17004.

5600 Hesston round baler, new cond., 814-696-0868.

FARM EQUIPMENT

6 inch auger elevator 30 ft. long transport PTO drive; 78 Ford 1 ton truck 12 ft. bed dump grain body both like new. 301-447-2344.

MF 1143 corn head, 4 row, 30" rows, 1980 model, like new condition. 717-872-8508.

Oliver 1650 diesel, wide front, 3 pt. hitch. 814-793-4293.

Wanted - engine for Case 611B gas tractor. 201-453-2549.

For Sale - Farmall 706G, rebuilt engine, new clutch, good tires. 717-548-2427.

For Sale - 702 diesel unisystem, combine, chopper and picker, 2&3 row heads. Also 767 3 row w/n. 2 tractor tires 23-1x34 eight ply. 304-263-9801.

For Sale - 1968 JD 4020 Diesel, wide front, good cond., $6800; 24" NH elevator with motor, extra paddles and bale turn bar, good cond., $650, 717-532-8601.

203 Int. combine, 13' grain head, TD 6 PTO unit and belt pulley. 215-286-9026 Lanc. Co.

Ford 5000 diesel, 3 pt. wide front. 814-793-4293.

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JD 250 gallon sprayer, $500; Mott 5' Flail Mowers $550; NH 450 7' Sickle Mower; Ford 2R Cultivator, $250. All 3 pt. hitch. 717-687-0102 Lancaster County.

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For Sale - JD 3690 forage harvester, like new, all hydraulic, 2 row 30" snapper head for high moisture ear corn, 3 recutter screens. 301-875-2250.

For Sale - 1956 Hough 4 wheel loader, model HO22A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400. 717-473-3031 8-5 PM 717-473-3852 evenings.

IH, 1066, Excellent Condition, $9,850. 717-284-2761.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791.

7720 JD combine, 16' platform, 643 corn head, 4WD, straw chopper, 30.5 drive tires, new belts, chains and sprockets, 1300 hrs. 301-778-5255 eves.

For Sale - 325 bu. N.I. Spreader, hyd. tailgate, top beater, pan, new web 1 yr. ago $2950. Snyder Co. 717-374-8750.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

IH856 wide front, 3 pt., original paint, 814-793-4293.

FARM EQUIPMENT

JD 4320 w/cab, dual hydraulics, original paint, low hours, 814-793-4293.

For Sale - Combine NH TR70 13' grain, 6 row corn, 301-666-0079 before 8 AM.

JD 3020 with cab, power shift, NH 469 haybine, 300 gal. sprayer, 3 btm. auto. reset IH plow. Lebanon Co. 717-866-6081 after 6 PM.

For Sale - John Deere 1010 dozer with new undercarriage. Oliver 5' 18" auto. reset plows. IH 720 plows. Hesston 2000-150 chopper. Ontario grain drill. Grove S.U. wagon. H Farmall. Case 4 row cornplanter. Phone 717-673-5031.

Wanted - 3 row wide Fox corn head, 717-529-2538.

For Sale - White front end for D-14, call 215-267-2772.

3 Harvestore silos, 2 20x50 $14,000, 1 20x30 $8500; 80' York bucket elevator $7000; 3200 bushel per hour capacity; 1 500 bushel GT grain dryer $6000; 1 1100 bushel wet bin $800; 12,000 watt- Winpower generator $400, 717-758-2255 or 2254.

For Sale - 76 International power take off combine with bin. York Co. 717-246-1390.

3 purebred Pygmy goats, accredited herd, all sizes and ages excell. cond. owner has to sell due to disability, White Tailed deer and wild turkey, owner has propagation license, call 8 PM to 12 PM, 717-899-7947.

IH 4 row cultivator, 2 pt. hitch, $500; also Angus-Charolais cross beef cows with calves, $625 each, 215-383-5179.

For Sale - Fox harvester w/long feed table. Elam B. Stoltzfoos, 91 Hess Rd., Leola, PA 17540.

MF Super 92 combine, good condition, original owner. 717-626-5532.

JD 7000 corn planter, 4 row, no till, w/monitor, 814-793-4293.

Wanted - 3 pt. hitch rototiller for farm tractor, in good used condition. 717-354-0175.

IH 1086, ROPS, twin outlets, twin shaft, new rubber, 2400 hrs., $14000/offer. IH 986, same equipment, 1500 hrs., $13300. 301-833-9091.

Minneapolis Moline G1000 diesel, cab and air. 814-793-4293.

6 ton Tag-Along Trailer; IH 500E Crawler-Loader w/ROPS, 250 hrs. like new, IH 510 Articulated Loader, like new $32,000; Cat 933G Loader $8500. 717-933-5734.

NH 1038 Bale Wagon
NH 315 Baler w/#70 Thrower
NH 33 Crop Chopper
NH TR70 Combine
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

Case 450 Crawler Loader $8500; IH 3400 Backhoe Loader $8500. 717-933-5734.

For Sale - 310 Case diesel crawler loader, $4000. 717-529-2512.

For Sale - JD 7700 Combine. 301-885-2450.

JD 3 bottom disc plow, IH 58N 8' disc, IH 153 four row cultivator, 165 gallon 8 row weed sprayer, 40'x6" Snowco grain auger w/extra tubing and auger parts, Dellinger hammermill model H, 300 gallon elevated fuel tank, 275 gallon fuel tank, belt driven rotary saw, assorted rolls of heavy galvanized wire fence and many misc. farm parts. 215-666-5410 after 6 PM.

2155 Hawk Bilt flail tank spreader, like new, $2700. 717-776-6203.

Farmall Super C, comp. rebuilt, like new, lights, cultivators, 2 bottom plow, 3 pt. hitch conversion kit, $2450/offers. 201-948-4565 Sussex Co.

FARM EQUIPMENT

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DENNIS M. MILLER
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717-833-1888 anytime
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JD #25 combine, 6' power take-off, bagger attachment, good shape, $75 or best offer. 201-439-2566.

500 gallon fuel tank w/pumps, $300.
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Rt. 22 Grantville, PA
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MF 410 combine, gas, quick attach., cab, exc. running condition, $5000. 717-872-8508.

For Sale - 1206 IH tractor, good cond., $7500, 717-758-4858.

NH 256 hay rake, NH 276 hay baler, IH 1150 grinder mixer, Farmall 656 with 3 pt. hitch, recent overhaul, TA, new tires, 215-845-2524.

JD model EC381 fertilizer spreader $400, 215-369-1211.

For Sale - 2 row Holland veg. and tobacco transplanter, pull type $500, will deliver Berks Co., 717-933-8082.

AC WC tractor, tires, excellent, clean, $575. Oliver 3 pt. 5 bottom trip plow, $295. Grain bin wagon, $585. 717-354-0266.

Oliver 2050 diesel dual hydraulics, original paint, low hours, 814-793-4293.

Gore horse trailer w/ dressing room
'78 Ford 3600 tractor w/loader
NH hay rake
Mathews mower-conditioner
NH hay baler
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Ford 5000 D
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David Brown 780
Satoh 650 w/mower
Satoh Elk w/mower
Satoh Bull, like new
Ford 5B Sp. reset plow
JD 18' wing disc
MF 33 Grain Drill
NI 206 Spreader
NI 216 Spreader
JD 1240 Corn Planter
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FARM EQUIPMENT

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Oliver 1850. 814-793-4293.

Farmhand wheel rakes, hay fluffers, rotary mowers, hay wagon, flail mowers, NI sickle bar mower, post hole diggers, post drivers.
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MF 440 Cultivator
JD FB Drill
JD 6600 Diesel Combine w/Grainhead & 6 Row Cornhead
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Used Riding Mowers
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MF 210-4 Tractor
MF 245 Tractor
MF 250 Tractor
MF 290 Tractor
MF 698 Tractor
MF 224 Baler
MF 228 Baler
NI 323 Picker
NI 406 Rake
NI 660 For. Harv.
NI 177 Elevator
NI Manure Spreaders
Snapper Mowers
N.H. FLICKER & SONS, INC.
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FARM EQUIPMENT

Minneapolis Moline 950 diesel, excellent condition, 814-793-4293.

Ford Tractors Equipment
SPERRY NEW HOLLAND
TRACTORS
Ford 8000
Ford 8N
Ford 445 Backhoe Loader Repossessed
Ford 545 Backhoe Loader Repossessed
Ford 535 Tractor/Loader/Backhoe
Ford 4500 Backhoe Loader
JD 4020 w/Cab
IH 1466
Farmall H
Case DC
Massey Harris 44
Satoh 650 w/loader
(2) JD B
EQUIPMENT
Ford 9 tooth Soil Saver
NH 1495 SP Haybine $8500
NH 516 sgl. btr. spreader
Gehl #55 Grinder-Mixer
Lawn & Garden Tractors w/Mowers & Snow Blowers
CHARLES S. SNYDER INC.
RD3 Tamaqua, PA 18252
Phone: 717-386-5945

JOHN DEERE
NEW EQUIPMENT
JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc
USED EQUIPMENT
AC C & WC Tractors
Farmall MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Farmall Cub w/outfit
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade
USED COMBINES
JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment
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JD 4020 w/Hiniker cab, extra clean. 814-793-4293.

NH TR70 COMBINE W/ 13' GRAINHEAD & 6 R CORNHEAD
NH 479 HAYBINE GOOD SHAPE
GEHL #600 FG. HARVESTER W/ PICKUP HEAD
NH #315 BALER W/THROWER
NH #27 BLOWER GOOD SHAPE
BADGER BLOWER GOOD SHAPE
DUNHAM 8' CHISEL PLOW HI CLEARANCE
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Grove Self Unloading Wagon, 3 btr. & roof
NI 10 Ton Spreader
Ford #535 Mower Cond.
MH 269 Baler
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
(2) New Armstrong 6 ply tires, mtd. on wheels & rims to fit D17's & 175 tractors
USED TRACTORS
AC 7060, low hrs.
AC 180
AC D17 Diesel
Case 2290, like new
MF 1085
Used Lawn & Garden Tractors w/mowers

SPECIAL PRICE
on new
AC 4 Row Cultivators
(only 2 Left)

NEW
AC 5050 Low-Profile Tractor
1 only
Special Price
$10,995

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland Spreaders

NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaener Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

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or Bob Gantz Sales
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FARM EQUIPMENT

ch Witch trencher, 36" digging depth, ride on machine with back fill blade, 215-363-2385.

Swinger model 200 loader with 150 hrs., bucket and pallet forks, 215-363-2385.

15 KW trailer mounted PTO generator w/shaft, seldom used, asking $1200. 717-567-3281.

For Sale - 1816 Case Uni-Loader, good cond., $2500 or best offer, Cumb., 717-776-7636.

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Oliver 1850 Diesel w/cab, like new, 814-793-4293.

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

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FARM EQUIPMENT

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FARM EQUIPMENT

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For Sale - MF 35 combine, overhauled and new engine, Bucks Co., 215-536-9672 eves.

Ford Jubilee tractor, excell cond., live hyd., new tires, 814-259-3311.

450 JD crawler, 6 way blade, good cond., new paint, 814-696-0868.

FARM EQUIPMENT

David Brown 1200 Diesel w/loader, 814-793-4293.

NH 273 baler w/super sweep pickup & thrower, $2800
NH 275 baler, $1300
IH 56 blower, $550
NH 28 Whirl-a-feed, $850
NH 26 blower, $600
NH 469 haybine, $1250
NH 488 haybine, 9' $2750
JD 1209 haybine $2000
NH #8 3 beater w/roof & high flotation tires, nice $2650
IH 110 3 beater wagon w/roof, 16' $1250
JD 110 disc harrow, 12', $1295
NH 890 harvester, pwr. sharpener, pick-up head, 2 R narrow corn head $3750
MF 510 diesel, cab, quick tach w/grain head, $4900
16' bale thrower wagon, 6 ton gear, $925

Horning's Farm Machinery
Ephrata, PA
717-733-7408

FARM EQUIPMENT

SALE
AVCO NEW IDEA
FOR SALE
Farmall Super M, $1560
Ford series 250 PTO hay baler, $800
200 bu. gravity box w/6 ton Gehl gear, $800
NI 272 cutditioner excellent condition $2785
Taylorway model 200 217 disc harrow, 10' w/flex bearing hangers, 22" blades, new cond., $3550.
NI 218 spreader with hyd. gate, cylinder & hoses, flotation tires, Gratz chain, good cond., $4300
Dion 60" forage blower, good cond. $1385
N.I. forage blower, model 620, 54"fan, good cond. $875.
NH model 469 mowditioner, $2,100 good cond.
NI #323 1 row picker, like new, 90 acres, $4,300
Moore all till drill, 10' w/Gandy applicator, SOLD exc. cond., $9500

HEISEY FARM EQUIPMENT, INC.
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FARM EQUIPMENT

NH TR 75
Pay New Holland what we owe and it's yours!

Used Woods Mowers

JD 1209 Haybine

Ford 537 7' Haybine

NI 290 Haybine

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Skid Loaders

New Idea #218 Spreader

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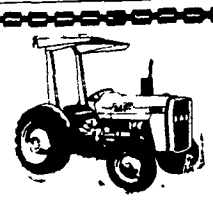

MF Massey Ferguson

TRACTORS & EQUIPMENT

AC D17 Dsl. Tractor
MF 40 Dsl. Tractor and Loader
NH 479 Haybine
NH 718 Harvester
Fox 2000 Fg. Harvester w/2R C.H and Pick-up
NH 36 Crop Chopper
IH #46 Baler
IH 440 Baler
NH 315 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
NH 451 Mower
Hesston PT10 Mower Cond.
JD Grain Drill
IH 1600 Truck 1974 w/20' Van Body

NEW M.F. EQUIPMENT

MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 240 Tractor
MF 265 Tractor
MF 210 Tractor
MF 1010 Tractor
MF 40B Tractor w/Loader
MF 40B w/Cab
MF 20 Turf Tractor
MF 34A Loader
(2) MF 216 Loader
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

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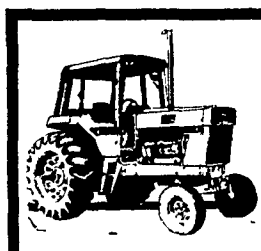

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Available Next Week...
JD 6600 Side Hill Combine
White 7300 Diesel Combine w/2 heads

Uni 704 Gas or 705 Diesel w/738 4R Head and 737 Husker
Uni 702 Combine w/727 Husker and 3R N Head
Uni 717 Combine
Uni 767 Super Chopper
JD 55 Sq. Back Combine w/SOLD heads
JD 4230 Tractor, QR, Cab and Air
JD 4010 Diesel T SOLD r
IH 1466 Tractor w/cab and air
IH 1066 Tractor w/1 SOLD s.
IH T340 Crawler w/4-in-1 Loader
Farmall 826 w/3 pt.
Farmall 806 Tract SOLD 07 Diesel
Farmall 560 Diesel SOLD or
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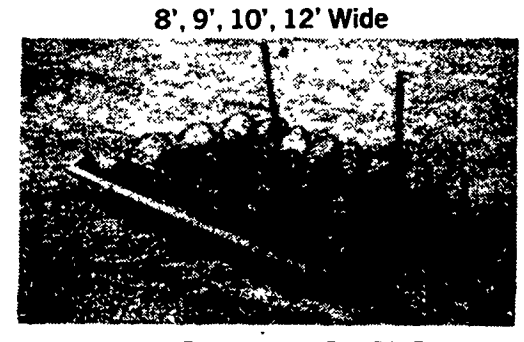
8', 9', 10', 12' Wide



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- We Have Mc #9 Mower Here Rebuilt, Ready To Go.

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USED TRACTORS

* Case 2590, 190 h SOLD 981
* IH 574 Diesel
* IH 656 Gas Hydro
* Ford 3600 Diesel, 1100 hrs.
* AC 190 XT Dsl.

USED HAY AND FORAGE EQUIPMENT

* NH 770 Fg. Harvester 2RW, 2RN, 6' PU, Direct Cut
* NH 1890 Self-Prop. Cab, A/C, Cat. eng., 3RN & 7' P.U.
* JD 336 Baler w/Kicker

USED TILLAGE

* JD 7000 12 Roll Front Folding Planter
* JD 400 Rotary Hoe 20'

USED COMBINES

* JD 7700 Hydro Rotary Screen
* JD 16' Rigid Platform
* JD 220 Flex Platform, like new

MISCELLANEOUS

* JD 709 3 pt. Mower 7'
* JD 27 Flail Shredder
* 16.9x28 Duals
* G.E. Electrack Mower
* JD 68 rider w/bagger
* IH 129 Hydro 12 h.p. Mower
* JD 212 12 h.p. Mower
* JD 214 14 h.p. Mower

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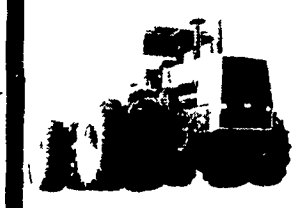

MF Massey Ferguson

NEW EQUIPMENT IN STOCK

MF 540 diesel combine
MF 860 diesel combine hydro
MF 1144 corn head
MF 1163 corn head
MF 15' table w/floating cutterbar
MF 13' U-II reel
MF 15' U-II reel
MF 22 bale thrower
Vicon mower conditioners, demo
Pequea hay tedders
McConnell forage wagon
Beaver III four wheel drive tractor
Woods mowers
Vicon 4 and 5 wheel rakes
Hefty bale wagon

USED EQUIPMENT

Ford 9600 tractor
MF 2675 tractor less than 500 hours
MF 1450 garden tractor
MF 285 diesel tractor
MF 760 combine w/6 row corn head & 16' grain table
MF 510 combine
Hesston PT 10 haybine
MF 81 haybine
MF 10 baler
NH 275 baler
NH 285 baler

Renting skid steer loaders.

Radio Dispatched Service

Guaranteed
Sisal Twine $20.40 per bale
Discounted Price on
Quantities of 10 or more

Save Up to 40% on New Holland Parts

ABRACZINSKAS Farm Equipment, Inc.

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717-356-2323
(south on Rt. 42)

VERMEER | HEDLUND MARTIN INC. | Vicon

NEW EQUIPMENT

- Vermeer 504H Baler
- Vermeer & Scranton Bale Movers
- (1) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP 1200 Round Baler
- (1) Vicon SP450 Square Baler w/Thrower
- (1) Vicon 8' Mower Conditioner
- (1) Vicon 5½ ft. Mower Model CM165
- Haybuster 1068 Semi-Mounted No-Till Drill
- Martin 1263 Scavenger II Spreader

USED EQUIPMENT

- Vicon 10' Power Harrow
- Brady Flail Shredder
- Farm System Flail Spreader, Left Side Loading
- Hesston 12' Hydro Swing Haybine
- Int. 990 Haybine
- Used Vicon 4 Wheel Hayrake
- Pequea Hay Tedder

RED WING FARMS

R D #1, FLEETWOOD, PA. 19522
NEW PHONE NUMBER: 215-944-0402

JOHN DEERE

JD 4630 Tractor
JD 4430 Tractor w/Roll Guard
JD 4430 Tractor w/Row Crop Fenders
JD 2640 Tractor
JD 2640 Tractor
JD 2640 Tractor w/145 Loader
JD 2440 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD MT Tractor w/Cultv. & Wood Saw
JD H Tractor w/plow & cultv.
Farmall 656 Tractor
Farmall M Tractor
Farmall H Tractor
JD 170 Skid Steer Loader
IH 184 Lo-Boy w/mower
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD 3940 Chopper w/2R C.H.
JD 110 Disc
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD FB Grain Drill
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
JD 125 Chuck Wagon
JD 716 Forage Wagon
NI 279 Cut/ditioner
JD 1450 5B Plow
JD 1450 4B Plow
JD 145 6B Plow
IH 5B Plow
IH 6B Plow
NH Tank Spreader
JD 400 Grinder Mixer
JD 400 Lawn & Garden Tractor

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

For Sale - TD 6 parts steering clutch $200; Hydraulics blade $350; engine $250; gears $200; idlers $100, 214-445-4955.

For Sale - Corbett Sutton corn cob and feed residue saver, fits any self-propelled combine w/straw chopper drive assembly. Save cobs or feed - brand new in crate. $2700. 201-859-2616.

JD 730 diesel, elec. start, 3 pt. hitch, 814-793-4293.

FARM EQUIPMENT

JD H, very good cond., new tires and live hyd., trans. and clutch, reconditioned, $1750, with plow and cultivator, 717-464-2874.

IH 340 Diesel, excell. cond., PS, TA, 2 pt. and weights, 2100 hrs., engine has been overhauled from top to bottom, 30 day money back guarantee, $3000, trades considered, 717-464-2874.

IH 350, good cond., recent TA and trans. overhaul 2 pt. hitch, $1650, trades considered, 717-464-2874.

FARM EQUIPMENT

JD 4010 w/new engine, 38" rubber, front exc., 814-793-4293.

For Sale - Diesel irrigation pump. New 50FB3 Hale pump with IH 282 diesel in excellent condition. Works well with traveling sprinkler or small sprinklers. Franklin Co. 717-532-6441.

For Sale - Case 970 diesel, 4 post C., dual outlets, radial tires, 2700 hrs. $6500. 215-683-7943.

For Sale - NH 1469 Haybine, Watercooled gas engine. Best offer over $1600. 215-683-7943.

FARM EQUIPMENT

For Sale - Hay Equipment - MF 6 bar rake, Int. 430 baler, NH 1037 stacker wagon, Equipment in Sussex County NJ, please call collect 802-457-1751 after 6 p.m.

JD 4020 Diesel, WF, 18x4x34" tires, very nice condition, 717-532-7054.

FARM EQUIPMENT

For Sale - New Holland forage wagon, double beaters, 350 International forage chopper with 2 heads, Sauders manure loader for Ford tractor, 10 HP with snow blower riding lawn mower, iron butcher kettle, 717-533-9390.

JD 720 diesel, wfe, 3 pt. 814-793-4293.

FIELD QUEEN
FORAGE HARVESTERS

SEE THE NEW HESSTON TRACTOR LINE
40 to 160 HP
NEW EQUIPMENT
NI 802 Uni w/Harvester
NI 717 Combine
Westgo 6R Cultivator
HESSTON HAY EQUIPMENT
Hesston 6550 SP 14' D Swath Windrower
Hesston 4800 Big Square Baler
Hesston 4600 Baler
Hesston 1014 +2 Hydro Swing Windrower
Hesston 1091 9' Windrower
Kuhn 10' Disc Mower Conditioner
Kuhn S C55 6'7" mower conditioner
USED TRACTORS
Oliver 1850 w/cab
Oliver 1850 tricycle
Ford 9N
Farmall M
Case 1210
Case 430 w/Loader
JD 2440 w/loader
JD 430 w/loader
JD 60 w/loader
Oliver 1800 Gas

(3) Used Hesston 4800 Big Square Balers (1 like new)

USED HARVESTERS
MF 410 Combine
MF 750 Combine 6R & 131 Grain Head
701 Uni
702 Uni
727 Husker w/3RN Head
Fox Super D2R Head & Pickup
Fox 3310
Fox 3000
Fox 299 80" Flail Head
Field Queen 7650 4 whl. Dr. 3R Head & Pickup, 550 hrs.

USED EQUIPMENT
White 5100 6 Row Planter Dry Fert & No-till
AC 4R Planter
Oliver 260 20' Wing Disc
NI 710 Combine
NI 725 3R Head
Kewanee 20' Field Cultivator
JD 125 & 716 Tandem wagon, 3 btr. & roof
Gehl 810 & 910 Fg. Wagon, 3 btr. & roof
Bale thrower wagon 3 pt. backhoe
Farmhand Recutter Blower
Hesston 1014, 12 Ft. Hydro Swing Windrower
Westfield 744 auger PTO
UFT 400 bu. Grain cart
J&M 200 Bushel Bin Wagon w/10 Ton Gear
20.8+38 Axle Duals for AC 7040

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New Long traveling irrigation unit 1820
New Long 610 DT, $12,600, 64 HP
New Long 310 DT, $8,600, 28 HP
New Long 510, 48 HP $8,500
New Long 460, 41 HP $7,900
IH 1466 w/cab
IH 1086 w/cab
1 IH 966 w/cab
IH 966 $8,600
JD 2840 $10,900
Cab for JD 2840
2 JD 3130 1 w/cab
3 JD 3120
Ford 8600 w/dual power, $8,900
Demo Ford 6610, $14,400
Ford 6600
Ford 5600 4 wheel drive, demo, $19,600
3 Ford 5000 1 w/dual power and cab
2 Ford 4000
Ford SOLD
Ford 64 SOLD sel
Ford 541 offset
2 Ford 8N
MF 1150 w/cab, $5,300
MF 165
Case V
AC B w/cultivators
Wolverine 25 gooseneck trailer
Kubota B7100 w/mower
Moore no-till drill

¼ Mile East of Exit 6 I-81
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NEW TRACTORS
JD 2950 MFHH
JD 4240
JD 4050
JD 4250
JD 4450
JD 2440
JD 4240 QR, SG Body **$35,000**
(2) JD 125 Ski Steer Loader, Dsl. 14 cu. ft. bucket 65" **$15,000 ea. No Trade**
JD 6620 Side Hill Combine
JD 7720 Combine

NEW MACHINERY
JD 445 Spreaders
JD 115 11' Disc
JD 315 13' Disc
JD 1326 Mower Conditioner
JD 660 Rakes w/rubber teeth
JD 3940 Fg Harvester
JD 714 & 716 Forage Wagons Running Gears
JD 2600 5Bx18" Plow
JD 1250 Plow 3Bx16" **$1800 N/T**
JD 1250 Plow 4Bx16" **$2450.95**
JD 2700 6Bx18" Plow
JD 7000 Conservation Corn Planters 6R
JD 16x10 FF Drill **$4000**
JD 8300 18x7 FF Drill
JD 327 Baler w/ejector

USED MACHINERY
1-IHC 830 Fg. Harv. 1981 model, PU & 3 R.C. H **$11,000**
JD 6600 Combine, 13' grain head, 444 corn head **$29,000**
1981 White Combine 7300 w/704N 4 Row Corn Head **$25,000**
JD 400 Tractor Model 1981 w/60 mower **$4,800**
1977 MF 245 Dsl Tractor, 697 hrs., **$7,500**
2-105 White Tractor **$14,500**
MF 175D Tractor **$7,500**
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JD 1500 Power Till Seeder **$3,000**
(2) Gehl Wagons, Tandem Axle w/440 bu McCurdy btm. **$2,500 each**

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RD 2 Box 49 Mifflinburg, Pa.
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JD Agricultural Dealer and CP

Dismantling Combines for parts over 200 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600.

COMBINES
IH 105, cab, grain & 2 row corn
Gleaner E 10' grain and 2R cornhead
IH 303 combine w/grain head
IH 101 Combine w/10' head
IH 203 combine w/cab and 10' grain head
1976 JD 3300 cab, air 10' grain w/hume reel, 1300 hrs.
Gleaner K w/cab & grain head
Gleaner A2 w/cab & grain head
MF 300 w/quick tach, diesel, cab, grain & corn heads
NH 985 cab with quick-tach grain head

TRACTORS
Late JD A w/hydraulics
530 Case Backhoe
Oliver Super 77 w/hyd.
IH 856 Diesel, 3 pt., $6550
IH 706 Diesel, 3 pt., $3900
Farmall BN w/btm. plow & cult. $1050

TILLAGE
IH 12' drag disc, choice $185
IH 4 bottom 16" steerable plow, $775

MISC.
IH 105 grinder mixer, $1100
New bale thrower wagon
Sauder loader, $100
2-IH 5 btm. 16" steerable plows
2-JD 34 harvesters, choice $500
Shasta Camping trailer w/furnishings, very clean, $975.
JD side mount mower
New J&M gravity flow box
NI 290 haybine
JD 480 haybine
NI trailer
PTO mower
2-IH PTO mowers, $100 each
JD #8 3 pt. mower
IH loader, H or M, $225
JD 3 btm. 14" trailer plow, $150
3 pt. Hesston round balemover, $450
NH 717 harvester
JD 16A flail chopper
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, $375
JD unloading wagon
JD 1450, 6 btm., 16" plow, on land hitch, $1575
Selling parts off of Hesston 320 SP haybine

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N, Ford 6000D. Case SC & V.A.C., DC. Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.
Dismantling 50 pickers for parts

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574

Engine Specialists Since 1915

WHITE ENGINES

Makers Of HERCULES Engine

The Diesel For:
- SHOPS
- GENERATOR SETS
- REPOWER, ETC.

Direct Injection Makes It Easy Starting

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PH: 717-656-6133
2998 West Newport Rd.
Ronks, Pa. 17572
2½ mile East of Leola - Along 772

PH: 717-786-2173
RD 3, Box 91A
Quarryville, Pa. 17566
2 miles west of Georgetown on Furnace Road

DEALER INQUIRIES INVITED

NEW EQUIPMENT

TRACTORS
JD 650
JD 2640
JD 4040 w/RG & QR
JD 4440 w/SG & QR

TILLAGE EQUIPMENT
JD 235 19' 11" Disc
JD RM4 Cultivator
JD 1250 3B Plow
JD 1010 Field Cultivator
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP 7B Soil Saver

OTHER EQUIPMENT
JD 158 Loader
JD 6 SOLD wer
JD 1065, 1075 Wagons
JD 78 Blade
JD 40 & 450 Spreaders
NH 679, 795 Spreader
NH 230 Wagon
Century 500 Gal. Sprayer
Hub 36' Elevator
DeLaval Manure Pump
NH 8 Crop Carrier

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine

HAY TOOLS
NH 489 Haybine
Thrower for 320
JD 327, 337 Balers
JD 660 Rake
JD 3940 Harvester
NH 847 Round Baler
NH 38 Crop Chopper
NH 311 & 316 Balers
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
JD 2040 Tractor
Ford 1300 w/front blade
NH 791 Manure Spreader
NH 320 Wire Baler w/hydraformatic & quarter turn chute
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
JD 7000 6R Planter w/Dry Fert.
NH 770 Fg. Harv.
Fox 3000 Fg. Harv.
Fox Custom 90 Fg. Harv.

SPECIAL OFFERING
Used Schwartz #860 mixer feeder with electronic scale, good condition.

NCR Billing Machine w/Software

SPERRY NEW HOLLAND
WAIVER OF INTEREST ON MANY ITEMS
I. G. SALES
JOHN DEERE
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Quonset Buildings

ATTENTION FARMERS:

Tross Terrains, Inc. has decided to cease farming. We are offering the following equipment and supplies for sale. Please Note! Our equipment has been kept in a like new condition. You can save many dollars by purchasing this equipment at a fraction of new cost.

Located on Rt. 890, six miles south of Sunbury.

Phone 717-286-6411 or 717-286-0215

- 1978 John Deere Model 6600 Combine, Side Hill, 1550 hrs. w/643 - 6 row corn head & 215 - grain platform
- 4,000 lb. tilt bed equipment and cattle trailer
- John Deere Model 7000 conservation liquid 6 row corn planter

TROSS TERRAINS, INC.

P.O. Box 511 R.D. 3
Sunbury, PA 17801

FARM EQUIPMENT

JD 3020 wide front, good condition, 814-793-4293.

FARM EQUIPMENT

Used model 336 JD baler, excell. cond., baled approx. 15,000 bales, 717-423-6110, Franklin Co.

FARM EQUIPMENT

Oliver 1855 w/cab, 814-793-4293.

FARM EQUIPMENT

Farmall H tractor w/IH 33 loader, $850. 717-367-5664 after 7.

FARM EQUIPMENT

JD 4020 dual hydraulics, wide front, 814-793-4293.

JD 3020 diesel, wide front end, turbo, good condition, JD 4010 diesel, wide front, w/turbo charger, good condition, JD 40 self-propelled combine w/cab, 9' header. 215-445-4410.

NH model 256 rake, never used; also Bobcat model 720 skid loader, nice cond., 717-532-7054.

FARM EQUIPMENT

One JD 1520 tractor, 1775 hours; two NI hay wagons; one Ontario drill; one NH manure spreader; one barn scale; one corn elevator, 12' long. All in good condition. 717-867-5315.

For Sale - 1983 Honda 1100 Interstate, excellent condition. 717-426-2655.

Wanted to buy - front end loader to fit IHC 240 utility tractor. 717-687-0102.

FARM EQUIPMENT

18' Aluminum dump grain body 6' sides, removable top cross-auger air lock dividers and blower $5500 or best offer, Alan Rust, Gorham Maine, 207-839-3170.

Wanted - portable Bear Cat Hammermill, Kore Peachey, RD 1, Box 342, Belleville, PA 17004.

5' Wood Brothers Chopper, 3 pt. hitch, new $850; 2 ladder jacks, 24' long $50; light single harness, new $100, 215-767-3133.

JD 4320 diesel, dual hydraulics, wife front, 814-793-4293.

"QUALITY PRE-OWNED FORAGE BOXES"

- NEW IDEA #603, 14'x4', 2 beater CASE gear - $895
- JD #115, 3 beater, roof, 10 ton gear — $1800
- NH #8 16'x6', 3 beater, roof, pintle apron, on JD 12 ton tandem gear - A1 — $3900
- Gehl 920, 3 beater, roof, pintle apron, 12 ton tandem gear - A1 — $4500

SPRING SPECIALS

New
Landoll Soil Controller
7 shank 8'9" cut
$6100

Used
New Holland 371
flail spreader $2200

Used
Case 1830 Uniloader
Excellent Condition
$6500

Used
1845 G Uniloader
$9900

New
Bush Hog 12' offset disk
$6300

Martin 1678 Scavenger
Demo Spec.
$9400

USED EQUIPMENT

TRACTORS
'79 Case 1210 p.s.
AC 7080 Cab-Air-Heat
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab

LOADERS
Uni Loader Broom
Mustang 330
1845 G

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Pickers
214 Spreader
218 Spreader

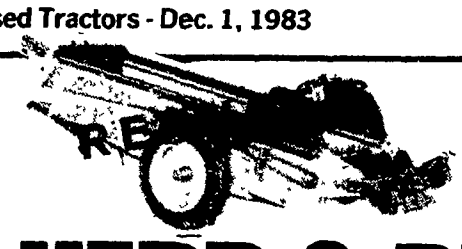
FORAGE
JD 65 Blower
Stauffer Forage Box
Fox HA Harvester
JD 3800 Harvester
Hesston Blower
JD 115 Forage Box

MISCELLANEOUS
Case 12' Disc Harrow
NH 371 Flail Spreader
Case Auger Elevator
Wetmore 878 Grinder Mixer
Bush Hog 12' disc

UNI-SYSTEM
710 Combine
743 N Head
702 G Power Unit
702 D Power Unit
767 Harvester
738 4RN Head

Waiver of Finance - Used Tractors - Dec. 1, 1983

206 GROUND DRIVE SPREADERS IN STOCK



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NEW GRATE CLEANER

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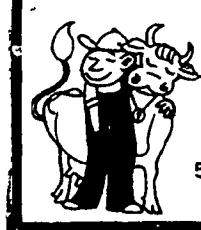
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls



SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

FOR SALE

MF 165
MF 150
MF 2805 w/duals
JD 4020 power shift w/turbo
Farmall A
MF 1155 w/cab & air
MF 180
JD 4 row cultivator
JD 5 bottom automatic reset plow
MF 550 combine w/1143 corn head
3 field cultivators
1250 gallon per minute irrigation pump
1000 gallon per minute irrigation pump

L & M BURKHOLDER
Ephrata, PA.
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717-859-2712

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH TD 50 Disc	$6100
NH #311 Baler PTO	$6300
NH #315 Baler and PTO	$7540
NH #315 Baler w/thrower	$9350
NH #28 Blower	$2650
NH #718 Harvester (1 only)	$6100
NH #791 Spreader, 11:20 Tires	$7130
NH #303 Liquid Tank Spreader, Demo Rental w/injectors	$6950
Pittsburgh 3B 18" Auto Reset Plow	$3150
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow	$5275
Pittsburgh 12' Field Cultivator, 1 only	$1295
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow	$1695

• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY & FORAGE EQUIPMENT TILL APRIL 1, 1984 OR 3% 1 YEAR, 6% 2 YEARS, 9% 3 YEARS SPREADERS AND GRINDER-MIXERS TILL OCT., 1983

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

IH 555 Harvester, 2 Row Head & Pickup Head
IH 650 Fg. Harvester w/Pickup
NH 478 7' Haybine, Ex. Cond.
NH 477 Haybine
NH 479 Haybine
JD 1209 Haybine
NI Crimper
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
NH 273 Baler
NH 310 Baler w/engine
NH 256 Rake
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
NH 519 Spreader
Martin Semi-Solid Liquid Spreader
Smoker Elevator 30'
Case 1830 Skid Loader

DEPENDABLE IS MORE THAN OUR NAME

USED EQUIPMENT

TRACTORS

JD 4240 w/cab, 400 hours	$27,500
JD 4040 power shift	$19,000
JD 3020G PS.	$5900
JD A.	$1200
IH 1086 w/cab 1180 hrs.	$18,500
MF 1085 Dsl.	$8900
MF 1080 Diesel	$5900

SPECIAL PRICES ON COMBINES

1982 JD 6620 Side Hill w/2 heads	$75,000
1977 MF 750, 1700 hrs. 2 heads	$29,500
1978 JD 6600 Sidehill	$43,750
1979 JD 6620 Sidehill	$59,900
1980 MF 760 338 hrs. w/2 heads	$55,000
JD 45 w/2 heads	$8900

TILLAGE

JD 1450 5x16 Plow	$2900
JD 145 5x16 Plow	$1550
JD 1010 13' PT Field Cult. w/Tine Attch.	$2800
JD 950 12' Roller Harrow	$2700
JD 950 10' Roller Harrow	$1900

PLANTERS

JD 6 Row 7000 Conserv. w/Liquid Fert.	$8000
JD 6 Row 7000 Consev. Dry Fert.	$7500
JD 4 Row 7000 Dry Fert.	$5900
White 5400 4 Row	$3600
MF 468 4 Row	$950
MF 468 6 Row	$1850

MISCELLANEOUS

JD 350 Mower	$1350
JD 750 Grinder Mixer	$4100

BLUE

NEW JOHN BLUE L-13040
500 Gallon Ground Driven
PUMP SPRAYER
SPECIAL
$5,995.00

JOHN DEERE
TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

JOHN DEERE

USED EQUIPMENT
MF 1155 Tractor
JD 216 W Baler
INT. 475 DISC
JD-BW DISC
JD 4020 Tractor w/cab
MOTT MOWER - 48 In.
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
Oliver 5x16 Plow
JD 1250, 4 btm. plow
1-JD AW disk harrow, 14'
JD 346 Baler w/thrower

NEW EQUIPMENT
JD 337 T Baler
JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 950 - 12 Ft. Roller Harrow
JD 7000 - 4 Row & 6 Row Conservation Planter
JD 45 Blade - 8 Ft.
JD 45 Blade - 7 Ft.
2 - JD 506 Gyramor
2 - JD 606 Gyramor
JD 660 Rake
3 Row, Row Crop Head - 30"
JD 4240 Tractor

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT

Int. 3 pt. mower, JD 14T baler w/thrower, NH 56 baler. 1-717-786-3087.

Wanted - burned or fire-damaged combines and tractors, prefer JD, will pay cash. For offer call 215-756-4341.

Farmall Cubs and Super A, lots of equipment also 135 with loader, lots of equipment, excell. cond., priced to sell, call 8 to 5, 717-246-1616.

Wanted - Caterpillar blade and hydraulic setup for 7UD4. 814-793-4293.

FARM EQUIPMENT

IH model 710 six 18" furrow plow, like new. 302-653-9668.

For Sale - NH Blower Super 24 long chain table, PTO, excellent, used very little $700; JD corn chopper 25 3 pt. hitch used very little $750. Green N.Y. 607-656-4568.

Wanted - 50 to 60 H.P., JD or MF diesel WFE tractor. Cash. Eves., 301-756-2637.

Moving, must sell - New diesel engine, GM of England, 6 cyl., 100 HP, East York area, new cost $3790, sell for $2000. 717-757-6405.

FARM EQUIPMENT

IH 806 tractor, Case 703 tractor; AC combine with corn head; IH hyd. endgate for 540 or 550 manure spreaders. PRICED TO SELL! 717-436-8165.

For Sale - Sawmill, complete Old Parker, good condition. Call Jerry Grant, 717-334-6020 Adams Co.

Wanted - Hesston 3 row narrow corn head, call collect, 717-966-3775.

Mich. 75 loader, gas power, excl. cond., good tires, front & side dump bucket. Bucks Co. 215-297-8354.

Oliver 1800 diesel, wfe, exc. cond. 814-793-4293.

FARM EQUIPMENT

400 IH rotary mower, 6' width, $500. 215-286-6528.

MF 510 gas w/quick-tach heads, $4500. MF 1135 w/duals, weights, quick hitch, $9000. Hershey 717-534-1253.

JD 4400 Diesel combine, 214 flex head, 444 corn head, 1500 hours, very good, 301-836-1916.

Ford 3 pt. mower belt driven, IHC belt driven 3 pt. mower, JD M tractor cult. & plow. Int. 420 baler for parts & 46 baler. Rotary mowers & hay rakes. 1-717-786-3087.

FARM EQUIPMENT

JD 3010 diesel. 814-793-4293.

Martin Scavenger manure spreader, model 1666, excell. cond., Union Co., 717-524-9754.

4020 turbo diesel, wide front end, power shift, very good condition. Also 148 loader. Sell both together or separately. $11,500 for pair. 201-689-2557 or 689-2162 after 9 PM.

NH 310 hay baler; NH 213 spreader, new condition. 607-656-7263 after 5 PM.

FARM EQUIPMENT

JD 5 bottom reset plow, No. F350
JD 4 row cultivator no. RG430
2 row 3 pt. cultivator
NH 56 rake
Ford 3 pt. rake
Grove wagon gears
Feed carts

Horning Equipment
Lititz, PA
717-626-5033

Complete
TRACTOR
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ENGINE
REBUILDING
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FOR SALE
A.C. and Wisc. 2 and 4 cyl. power units with or without clutch reduction

SPRING GARDEN REPAIR SHOP
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Joe S. Stoltzfus

TRACTORS
- Case VAC
- Case 930 Tractor 'CK'
- Case 430
- David Brown 990 w Loader
- Oliver 500
- White 2-105 Tractor

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

TILLAGE
- Case 6-Bot Plow, 20"
- Case Disc Harrow, 10
- JD 9' Disk Harrow
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT
- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni System
- NI 315 Gathering Unit
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 731 4 Row Head
- NI 767 Super Chopper
- NI 737 Cornhead
- NI 323 1-Row Cornpicker
- NI 2-Row Cornpicker
- Int Mtd Picker, 2 Row
- IH 550 Harvester
- Case 300 Harvester
- Case 220 Baler w/Thrower
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT
- NH 469 Windrower
- NH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- 3 pt Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- IH 46 Baler
- JD 14T Baler w/thrower
- Used Running Gear w/Flat Box

MISCELLANEOUS
- Ford 4-Row Corn Planter
- IH 400 Corn Planter, 8 Row
- 8 Used Spreaders
- NI 218 Spreader
- NI 224 Manure Spreader, 10 ton Like New!

SPECIAL
• 8 USED
WINDROWERS!

Hesston 1090
Windrower
2 Year Warranty
Demonstrator

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

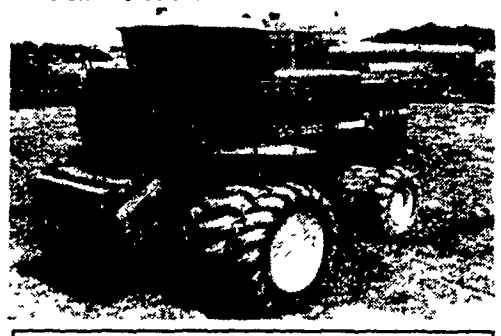
USED TRACTORS
- '64 JD 4020 Diesel, wide front
- (1) '78 4240 cab, quad range, transmission, 18.4x38 tires, low hours
- '76 JD 8630, 4WD w/dual 30.5x32 - 24.5x32 dual tires, 3765 hrs., nice condition
- '68 JD 5020 With Duals
- '75 JD 4430, cab, air, synchro transmission w/creeper gear & dual 18.4x38 tires
- '59 AC D17 Diesel
- '69 Oliver 1850 Diesel
- TO-30 Ferguson

CORN PLANTERS
- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry-Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter

USED CHISEL PLOWS
- IH 13', 3 Pt.
- Graber 26" Flex

USED PLOWS
- JD F145 - 5-16 Semi Plow

USED COMBINES
Waiver of Interest till Sept. 1, 1983
- '72 JD 4400 - 14 Ft. Platform
- '75 JD 6600 Rotary Screen, 15 Ft. Platform
- '76 JD 6600 Rotary Screen, 216 Flex Platform
- '71 JD 7700 - 220 Flex Platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '79 JD 7720 - Mud Hog Drive, 216 Platform
- 68 JD 95 Diesel, Corn-Bean Special w/Intermediate Feeder House, 14' Platform
- '79 JD 8820, 843 corn head, 220 flexible cutter bar



'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS
Good Selection of John Deere
343-443-444-643 Cornheads

MISCELLANEOUS EQUIP.
- JD 27 flail shredder
- Brillion 3 pt. 4 row cultivator
- JD BWA 14' Disc Harrow
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- MF Sickle Bar Mower, 3 Pt. Hitch
- JD 1210 Grain Cart 400 Bushel

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

NEW TRACTORS
A.C. 6060
A.C. 6080 (Demo)
A.C. 7060 P.S. w/Cab & Air

USED TRACTORS
H Farmall
Case 995 (500 HRS)
A.C. 7020 P.S. w/Cab & Air
MTA Farmall w/Hyd. & Live PTO

NEW-NEW HOLLAND HAY EQUIPMENT (IN STOCK)
489 Haybines
488 Haybine
495 Haybine
311 Baler w/#75 Thrower
316 Baler w/#75 Thrower
320 Baler w/#70 Thrower
847 w/Auto Wrap Round Baler
256 & 258 Rola-Bar Rakes
Dual Rake Hitch
#132 Bale Carrier
(2-1003 Auto Bale Wagons)

NEW-NEW IDEA HAY EQUIPMENT
509-9ft. Mower Conditioner
565 Baler w/Thrower
484 Round Balers
404 Wheel Rakes
406 9½ft. Bar Rake
621 Forage Blower

NEW UNI EQUIPMENT IN STOCK
2-802 Uni Tractors Fully Wgted
868 Forage Harvester
767 Forage Harvester
768 w/N 3 Row Chopper Head
838 (16 Roll) Husker
841 Feeder House
844 N 4-Row Stripper Head

Just Arrived-New 866 Pick-ups

USED UNI EQUIPMENT
706 Uni Tractor w/Cab
2-702 G Uni Tractor w/Cab
702 G Uni Tractor w/Cab
702 D Uni Tractor w/Cab
767 Forage Harvester
2-717 Combines
2-713 S Grain Head
1-713 Grain Head
1-711 Grain Head
1-7SOLD mbine
1-770 Ear Corn Apt.
766 Pick-up Att.
766 Pickup Att. w/Gauged Wheels

NEW SKID-STEER LOADER
NH L 445 (Diesel)
NH L 555 (Diesel)

USED SKID-STEER LOADER
L 325 Loader w/Mat. Bucket
8 C Hydra-Mac w/Mat. & Man. Buckets

NEW MANURE SPREADERS
NH 519 Box Spreader
NH 679 Box Spreader
NH 791 Box Spreader
NH 663 Tank Spreader
NH 668 Tank Spreader
NI 213 Box Spreader
NI 245 Box Spreader
NI 214 Box Spreader
NI 384 Solid-Plus Spreader
(Good Selection of Used Spreaders)

New-New Holland 358 Grinder Mixer
$8,595.00

MISC.
Used 354 Grinder Mixer
New-AC 2000 Semi-Mount 5 Bottom Plow
Used Oliver 565-5 Bottom Plow

USED HAY EQUIPMENT
NH 278 BSOLD Thrower
IH #37 Baler w/Thrower
NH 489 Haybine
IH 990 Haybine
Hesston Pt-10 Haybine
1 NH 1495 (Planetary Drive)
NH 1469 Haybine (Coming in)
Owatanna S.P. Haybine
Vicon Wheel Rake-(5-Wheel Mounted)
NH 258 Rake
Used NI 402 Rake
320 NH Baler w/thrower
Hesston 5600 Round Baler

NEW FORAGE EQUIPMENT
NH 718 Harvester
NH 782 Harvester
NH 30 Forage Blower
NH 28 Forage Blowers
770-W Pick-up Heads
824 Corn Heads
#8 Forage Wagons

#38 Flail Chopper-$4695.00

USED FORAGE EQUIPMENT
NH Super 23 Blower
NH 25 Blower
NH 27 SOLD r
NI 606 (14ft) Forage Wagon
NH 36 Flail Chopper

Take Advantage Of These Company Programs...

SPERRY NEW HOLLAND

SEE US NOW FOR A "WINNER'S CHOICE" DEAL
on haytools, forage equipment, loaders, manure spreaders, grinder-mixers and tub grinders.

3% A.P.R. on a one-year installment contract.
6% A.P.R. on a two-year installment contract
9% A.P.R. on a three-year installment contract

or
FREE FINANCE
until April 1, 1984 on hay and forage equipment. Until use date on spreaders, grinder-mixers and tub grinders.

AVCO® NEW IDEA

INTEREST WAIVER
on
New Equipment-until 1/1/84
or
SPECIAL FINANCE RATE
* 2.9% 1 year/monthly
* 9.9% 2 years/monthly
* 11.9% 3 years/any schedule
* 13.9% up to 3 years
*30% down payment required cash and/or trade-in
**35% down payment required cash and/or trade-in
or
RETAIL CASH REBATE

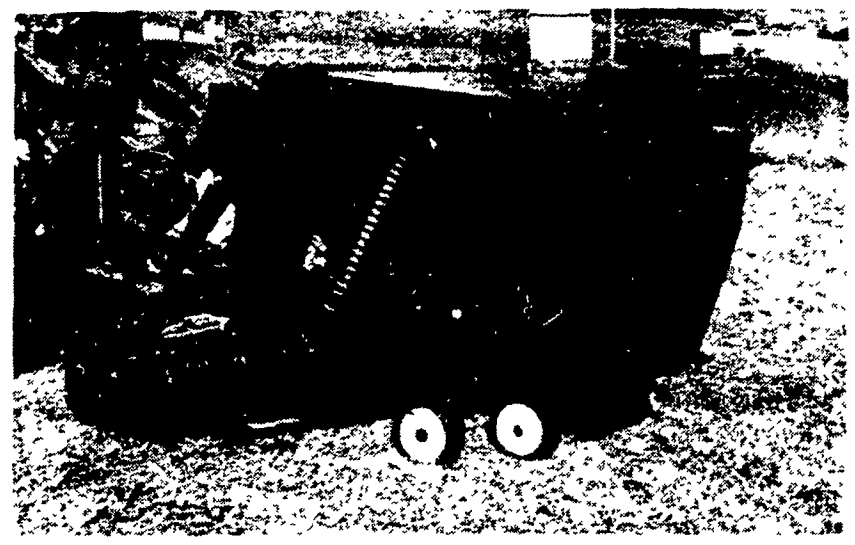
SHARTLESVILLE FARM SERVICE
RD1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop

ITCO
Dealer for ITCO Corp.
• Over 9,000 items
At Discount Prices

NOW AVAILABLE...THE NEW

ESTATE

48", 60" and 72" REAR MOUNTED ROTARY MOWER
With GRASS CATCHER ATTACHMENT



- Grass Catcher and Leaf Catcher
- All Steel Construction
- 17 Bushel Capacity
- Semi-Mounted Hopper floats independently of mower
- 14" Blower Fan

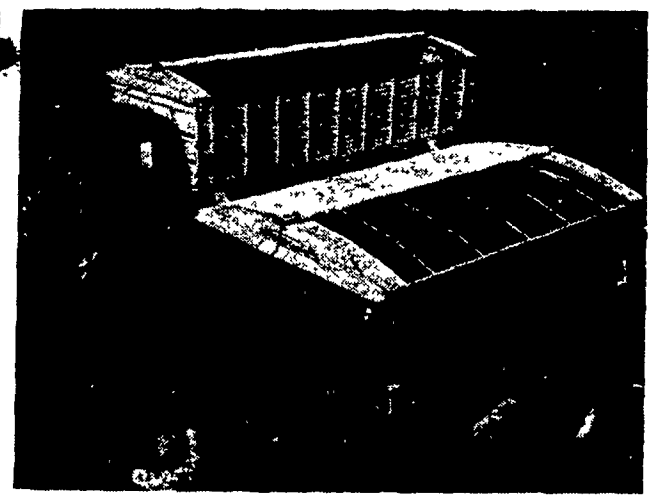
BMB COMPANY, Inc.

BUY THE PROVEN .... INSIST ON BMB

Call Now For A Free Demonstration

WE WIL TRADE YOUR OLD MOWER

ROLL IT ON ... ROLL IT OFF ... Midwest Coverall



Windproof, weather tight protection for your loads and box. Simply roll-on and roll-off **Coverall** while standing on the ground. The unit is available for truck, gravity and auger boxes 10 to 22 ft. long and 6 to 8 ft. wide. The cover is made of 18 oz. vinyl-coated nylon.

14, 16, 18 & 20 Ft. Models In Stock

NEW & USED OLIVER TRACTOR PARTS

- 1 - 155720A Engine Block (Reconditioned)
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- 1 - 166425A Engine Block (Reconditioned)
  1650 - 1655 Diesel - Direct Injection
- 1 - 104305R Engine Block (Reconditioned)
  880 Gas & Diesel
- 1 - 158544A Engine Block (Reconditioned)
  1650 Diesel - Serial #147569 - 187585
  1800 Gas - Serial #124396 & Up 1750 Gas
- 2 - 30-3000044 Cylinder Head w/Valves
  1750-1755-1855 Diesels, 5/8" Head Bolts
- 1 - 157159A Cylinder Head w/Valves
  1800 Gas - Serial #90525-124395
- 1 - 102379A - Cylinder Head w/Valves 550 & 660 Gas
- 1 - HSA - 180 Cylinder Head w/Valves 60 Gas
- 3 - Adjustable Reg. Wide Front Axle Assy.
  1550-1600-1650-1655
- 1 - Adjustable Reg. Wide Front Axle Assy.
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- 2 - Adjustable Underslung Front Axle Assy.
  1750-1755-1800-1855-1900-1950-1955
- 2 - Hydra-Power Transmission (Rebuilt)
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- 2 - Hydra-Power Transmission (Rebuilt)
  1750-1800-1850-1900-1950
- 1 - Over/Under Transmission (Rebuilt) 1555-1650-1655
- 1 - Over/Under Transmission (Rebuilt)
  1750-1755-1850-1855-1950T-1955
- 1 - Belt Pulley Assy. For 55 & 550

Call Paul Weaver For All your
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A BROKEN HYDRAULIC HOSE CAN COST YOU HUNDREDS OF DOLLARS...

...in lost or damaged crops.When there's work to be done in the fields it's important to keep your farm machinery on the job. When there's a breakdown you can't afford to wait for a new hose assembly to be shipped from the factory.

But it doesn't have to....

WE MAKE HOSE ASSEMBLIES WHILE YOU WAIT... ... assemblies which are exactly like the original and better! To put your equipment back to work in the fields fast You don't lose valuable time, don't lose crops

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NOW AVAILABLE IN THREE SIZES -
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- SQ42-42" Rotary Cutter..... $495.00
- SQ48-48" Rotary Cutter..... $550.00
- SQ60-60" Rotary Cutter..... $595.00

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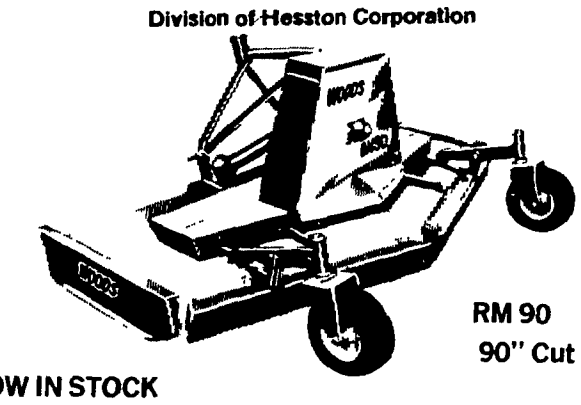
Division of Hesston Corporation



RM 90
90" Cut

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THE NEW
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ROTARY CUTTER

6 PT.
3 PT.

- 3 Pt. Cat. I Hitch
- 1½" - 12" Cutting Height
- 14N Series Driveline
- 40 H.P. Gear Box
- 540 R.P.M.
- Shear Pin Protected

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TRACTORS

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JD F350, 4 bottom 16"
JD F145, 4 bottom 16"
JD 145 plow, 5 bottom 16"

DISCS & HARROWS

JD 12' drag harrow
JD KBA transport disc 10'
JD drag disc 8' $395
IH 10' disc, transport disc $1,000
AC drag disc $295

PLANTERS

JD 1440 no-till w/monitor, dry fertilizer & insecticide $2,495

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NH #8 forage box w/new running gear
MF 160 spreader w/hydraulic endgate
NI forage blower $995

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JD 4420 w/500 hours
JD 55 w/12' platform $2500

New Wooden Hay Racks
Zimmerman Elevators
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case

Case 2590 Tractor, fully equipped at a good price.
Late Model Case 1030 Tractor w/turbo
Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery.
Case 1690 Demo, Cab, Heater, Fully Equipped.
MF 135 Diesel tractor.
IH 430 Baler w/thrower, Exc. Shape.
JD 7100 Corn Planter, A-1 shape, set up for fert.
Case 308 5x18 Auto. Sp. Reset Plow, used about 9 acres, good price.
SC 7 Soil Controller
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NI 701 Power Unit A-1 Shape
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.

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New - Used
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NH 519, 791, Flat Bed Spreaders
MH 851 Lg. Round Baler
NH 892 Fg. Harvester
PTO Wood Saw
Special Low Price on
NH 890 Windrow Attachment

NH Waiver of finance till April 1, 1984 w/interim payment or 3%, 6%, or 9% APR for 12, 24 or 36 Mos. respectively

USED EQUIPMENT

Gehl PTO Blower
NH 489 Haybine $5150
Ejector for 247 Baler $275
NH 273 PTO Baler, Ld. Chute $1550
Ford 250 PTO Baler $400
Ford 40 h.p. Skid Steer Loader, Ex. cond., only 1100 hrs $6500
NH S717 1R Fg. Harv. $785
AC Hopper Blower Belt Driven $150
NH 367 Flail Spreader $1890

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Economy and ruggedness are 2 traits owners have appreciated in the Wu Power Cart over the last 9 years.

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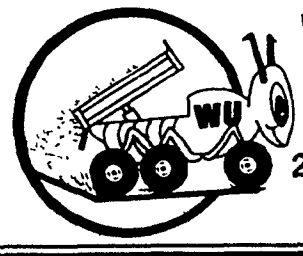
A 7 hp. Honda G-300 engine, hydraulic dump, 3 axles, 4-wheel drive, and one-ton hauling capacity make an attractive package.

Write or call for informative brochure or dealership inquiries.



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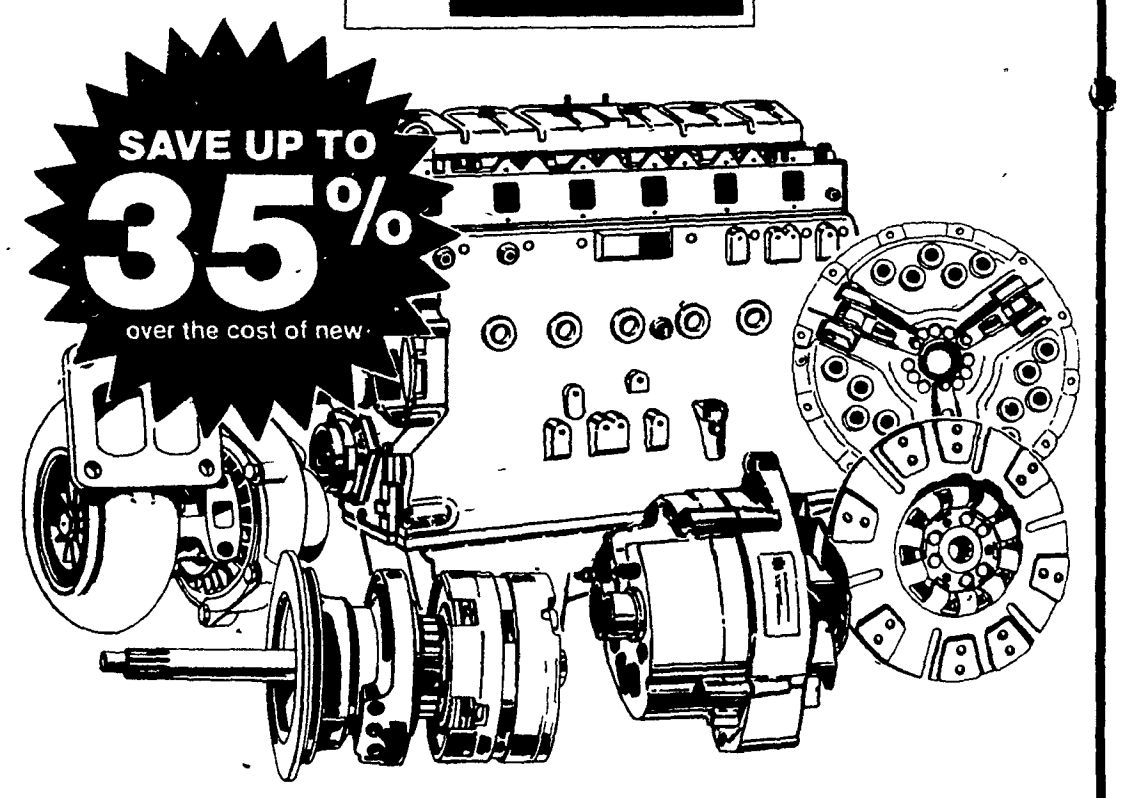
Phone: 215/536-0660

PARTS VALUE OF THE MONTH



IH ReNEWed Parts

- ENGINES AND COMPONENTS
- TORQUE AMPLIFIERS
- CLUTCHES
- ELECTRICAL PARTS
- PLANTER MONITORS

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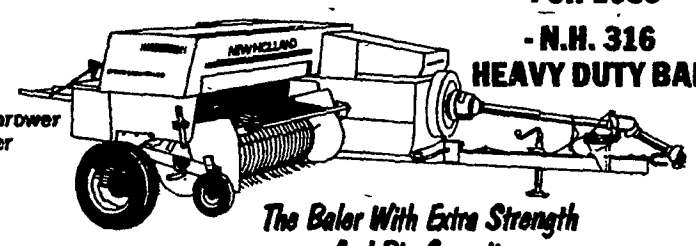
Farm Equipment Is Our Business

1953-1983 30th Anniversary

HAY IN A BIG WAY!

NEW FOR 1983 - N.H. 316 HEAVY DUTY BALER

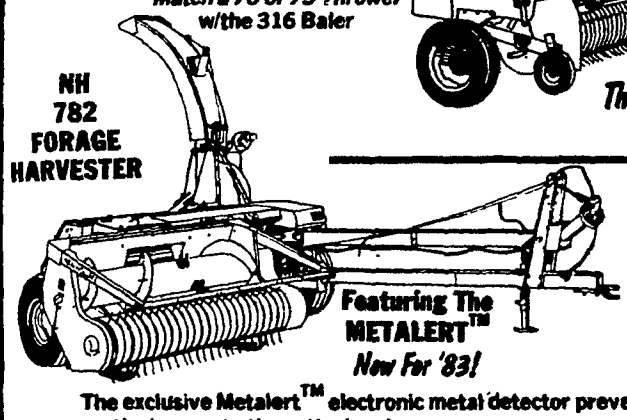
Handles Tough Jobs with Ease



Match a 70 or 75 Thrower w/the 316 Baler

The Baler With Extra Strength And Big Capacity

NH 782 FORAGE HARVESTER



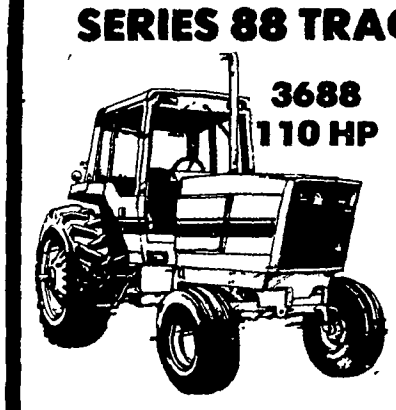
Featuring The METALERT™ *Now For '83!*

The exclusive Metalert™ electronic metal detector prevents costly damage to the cutterhead.

THE HEAVY DUTY MODEL 782

- 12-Knife Cutterhead chops uniformly.
- Exclusive Underbeveled Knives.
- Flip-up Feedroll makes shearbar adjustment easy.
- Choice of 540- or 1,000- rpm driveline.

TEST DRIVE THE NEW INTERNATIONAL SERIES 88 TRACTOR



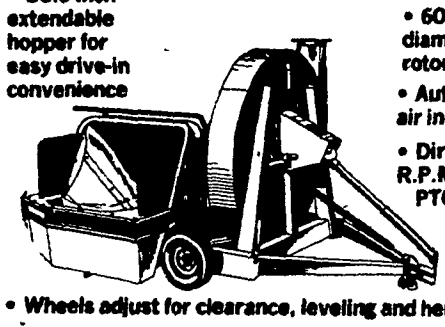
3688 110 HP

Farmers #1 Choice

IH MODEL 600 FORAGE BLOWER

Capacity to match tall silos

- 30.5 inch extendable hopper for easy drive-in convenience
- 60" diameter rotor
- Automatic air inlet
- Direct 540 R.P.M. PTO line

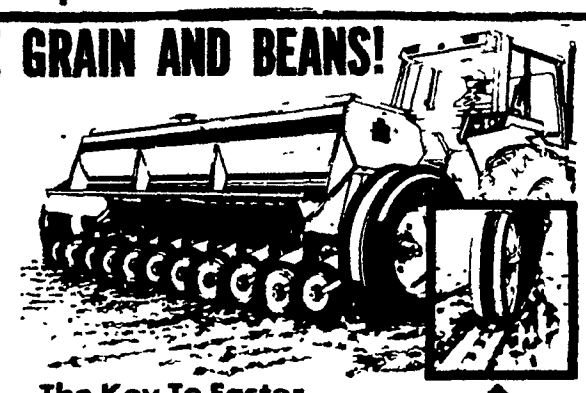


- Wheels adjust for clearance, leveling and height

GET UP TO 25% MORE GRAIN AND BEANS!

Drill With The International "5100 Special"

Outstanding accuracy begins with IH feed cups that deliver seed uniformly. Dual rib press wheels then compact the soil around the seed and gently "pat" the top to prevent air holes. Result uniform germination and emergence a start toward higher yields.



The Key To Faster Emergence Is This IH Dual Rib Press Wheel

FLASH

MESSICK'S ANNOUNCES A NEW PROGRAM ON NEW AND USED EQUIPMENT

1. Waiver of Finance to April 1, 1984 with Interim Payment or ...
2. 3%, 6%, 9% APR for 12, 24, 36 Months Respectively.

GOOD USED HAY EQUIPMENT

- Used N.H. 1495 S.P. Haybine w/12 Ft. Rolareel Header, Ex. Condition
- NH 320 Baler w/Thrower
- NH 718 Harvester 2 Row Narrow Corn Head And Pickup
- NH 30 Blower, 1000 RPM
- IH 56 Blower, H.D., P.T.O.
- Hesston 110 Self Propelled Haybine
- NH 495 Haybine, 12' Rolareel End w/Transport, Ex. Condition
- MF 9 ft. Mower Conditioner
- Gehl Model CB 600 Forage Harvester 2 Row Corn Head & Pickup Attachment, Ex. Condition

A GOOD SELECTION OF USED EQUIPMENT

TRACTORS
IH 1086 w/cab (excellent)
JD 40 w/Cultivators, 3 Pt. Hitch

SKID STEER LOADERS
NH L425 Skid Loader

HAY & FORAGE EQUIPMENT
IH 430 Baler w/Thrower
NH 770 Pickup Attachment
NH 268 Baler & Thrower
NH 24 Elevator
NH 460 Haybine
NH 467 Haybine, 7 Ft. (Rough Condition)

TILLAGE
Glencoe 13 shank Chisel
JD 350 6 bottom auto reset Plow
Brillion 10 Ft. Packer
White 4 Bottom, 16" Plow
Krause Model 1580 Single Wing Fold Disc Harrow
IH Model 55 9 Shank Chisel Plow, Demo
IH 53 4 Row Cultivator

SPREADERS
NH 362 Tank, Good Clean Spreader
IH 3 Beater 160 Spreader.
NH 365 Tank Spreader
NH 518 2 Beater, Excellent

MISCELLANEOUS
JD 3 Section Rotary Hoe, Only $395

PLANTERS
IH 400, 6 Row, Monitor, Fert. Attach., Insecticides, Fully Equipped
IH 56, 4 Row, Fert.
Int. 56, 2 Row
New Idea 2 Row Pull Type Corn Picker

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MF 13' GRAIN HEADER
w/electric variable speed pickup reel, in excell. cond., used less than 400 acres.
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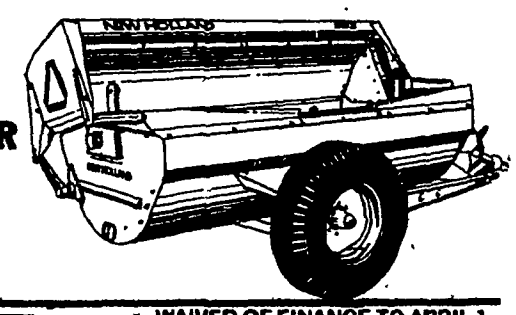
NEW EQUIPMENT IN STOCK

NEW HOLLAND MODEL 363 TANK SPREADER
$4,595



WHITE FARM EQUIPMENT

WHITE 2-55 Tractor
WHITE 2-65, 284 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator

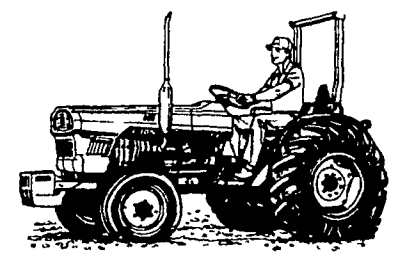
WAIVER OF FINANCE TO APRIL 1 1984, WITH INTERIM PAYMENT OR...
3%, 6%, 9% APR FOR 12, 24, OR 36 MONTH RESPECTIVELY

SPERRY NEW HOLLAND

NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine

KUBOTA

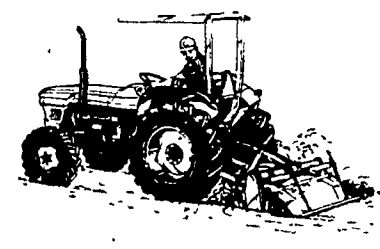
SPECIALS...



B-8200
4 Wheel Drive $5,500

L-235
4 Wheel Drive $5,800

L-305
4 Wheel Drive $8,500



L-345
4 Wheel Drive with Loader . $11,500

KUBOTA We're looking for work.

bobcat 642 & 743

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TYE No Till Drill

GLENCOE 7 Tooth Soil Saver

USED EQUIPMENT

HAYTOOLS
NH 268 Baler w/Thrower
NH 68 Baler w/Thrower
Oliver 620 Baler w/Thrower
NH 469 Haybine
Gehl 880 Mower Conditioner

CORNPICKERS
IHC 2 MH Cornpicker

FORAGE TOOLS
NH Super 717 w/1-Row
NH 707 3 pt. Harvester w/1-Row
JD 15A Crop Chopper

TRACTORS
Oliver 1755 w/Cab
MF 175 w/Loader

SPREADERS
NI 212 Spreader
NH 367 Tank Spreader, LH

TILLAGE - PLANTING
White 5400 Planter
JD 1240 4-Row w/Monitor
IHC 550 5-16 Plow
Oliver 348 3-16 CT Plow
Ford 3-16 Plow
White 466 8 Ft. Trail Chisel Plow

COMPACT TRACTORS
Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

NORMAN D. CLARK & SON

Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

FARM EQUIPMENT FARM EQUIPMENT

TRUCKS — White 1979 Road Boss, 13 speed Road Ranger, 318 Detroit engine, 13,000 miles, twin screw. 1974 Louisville 9000, 290 Cummins engine, 10 speed Road Ranger 1974 Louisville 8000, Cat engine 3206, 5 speed - 2 speed rear
INDUSTRIAL EQUIPMENT — 1972 JD 410 TLB, Cat loader model 9[illegible] power shift Serial number 80H2950 AC loade[illegible] odel HD7G Ford 555 TLB. Ford 445 TL Ford [illegible] TLB. Ford 340 TL. 340 IH crawler Fou[illegible]n-o bucket. Huber maintainer w/Ford industrial [illegible]ne 3 forklifts. Trac self-propelled asphalt [illegible]er. Wheel trencher. 3 used trailers 12, 15 a[illegible] 35 DT Ingersoll Rand air compressor. Sullaire air compressor model 150.
FARM TRACTORS — Ford TW 10 w/cab. Ford 9600 w/cab. Ford 7700 w/cab Ford 4610 w/rollbar. Ford 4000. New Ford 3610 synchro-mesh trans. Ford 3910. Ford 8N Farmall Super M T/A. Farmall H. Farmall A w/loader. IHC Cub Lo-Boy w/5' mower. Kubota 345 Four wheel drive w/loader, 525 hours. Kubota 305 four wheel drive, 175 hours.
FARM IMPLEMENTS — Moore no-till drill. Haybuster no-till drill Owatonna swather model 260, cab and air, self-propelled, used 2 seasons. New Ford 532 round baler.

STRALEY FARM SUPPLY

Dover, Pa. 17315
Farm - Industrial Equipment
717-292-4443

GRUMELLI FARM SERVICE

bobcat Quarryville, Pa. 717-786-7318 ALLIS-CHALMERS

TRACTORS

AC 7040D	AC CA	IH 656
AC 7045D	AC WD 45	IH 504 w/loader
AC 7050D	AC 5040D	JD 2010
AC 7020D	AC 5050D	JD 4010
AC 7010D	IH 756	JD 70
AC 7000D	IH 806	JD A
AC 440	IH 504	Ford 4000
AC 200	IH 300	MF 65D
AC XT190D	IH 340	MF 65G
AC 180D	IH Cub Low Boy	Case 300
AC 170D	IH 350	w/Loader
AC 175D	IH H	Case 800
AC D19D	IH 140	Oliver 1650D
AC D14		

EQUIPMENT

New and Used Miller Discs and AC Discs
New AC 7' Haybine
(2) 315 NH baler and thrower
269 NH baler and thrower
14T J.D. baler and engine
AC 444 baler and engine
Farmhand grinder & blower
(2) L 425 NH Skid Loaders
731 Bobcat Skid Loader
610 Bobcat Skid Loader
630 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
70 JD Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer

USED TRACTORS

JD 2010 D w/loader
JD 4430 Diesel
JD 2940, MFD
JD "LA" Tractor w/cult.
JD 50 w/Loader
JD 3020 Diesel
Ford 800
MF Pony Tractor with Equipment

USED EQUIPMENT

JD 4400 Diesel Combine w/Heads
JD 4420 Combine with Heads
JD 6620 Sidehill Combine with Heads
JD 7000 Planter, 38" Row
JD 4000, 13' Disk
JD 24T Baler
AC Grain Drill
New Holland 16' Forage Wagon
JD 336 Baler w/30 Ejector
1982 King Gooseneck Stock Trailer, 16x6

SHOTZBERGER'S EQUIPMENT

JOHN DEERE
Elm, Pa.
Phone: 717-665-2141
JOHN DEERE

Hey... **Looking For A**

HEAVY DUTY 30,000 Lb. Capacity Wagon w/Hydraulic Surge Brake on 12.5x16 14 Ply Tires w/80" Tread Width And A Towing Hitch All For A Low Price of $2050.00

Tires in prices are not diamond tread.

MODEL RGE-15 SPECIFICATIONS

Rated Capacity	30,000 lbs.
Tread Width	80 inches
Wheelbase (adj. every 6")	96-144 inches
Front Spindles	2½-inch bent
Rear Spindles	2½-inch straight
Hubs	8-bolt
Axles	7 inch I-beam
Hounds (channel type)	3/16-inch formed steel
Reach Pole	94x3 3/8 inches OD
Bolsters	42-Inch
Steering	Heavy duty truck type
Brakes	Std. 2W rear
Tongue	Extendable (spring counterbalanced)
Height (to bolster top-approx.)	28 inches
Ground Clearance (approx.)	15 inches
Weight (less wheels & tires)	1160 lbs.

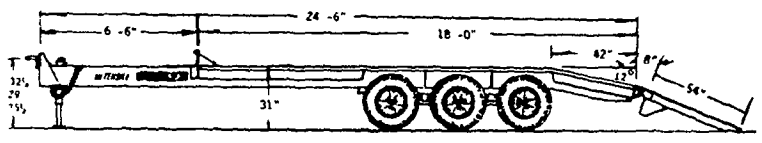
Remember You Get All This For Only... **$2,050.00**

SPECIAL OFFER... ONE ONLY

Grand Eager Beaver Trailers

NEW MODEL 9 DOW

9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit including Brake Control



Reg. List Price Setup $5,500
DISCOUNT SALE OFFER ONLY... $3,857

NOTICE: Dimensions shown on Model 9 Dow have been increased 2' in length on this 1983 SPECIALS SALE OFFER

BINKLEY & HURST BROS., INC.

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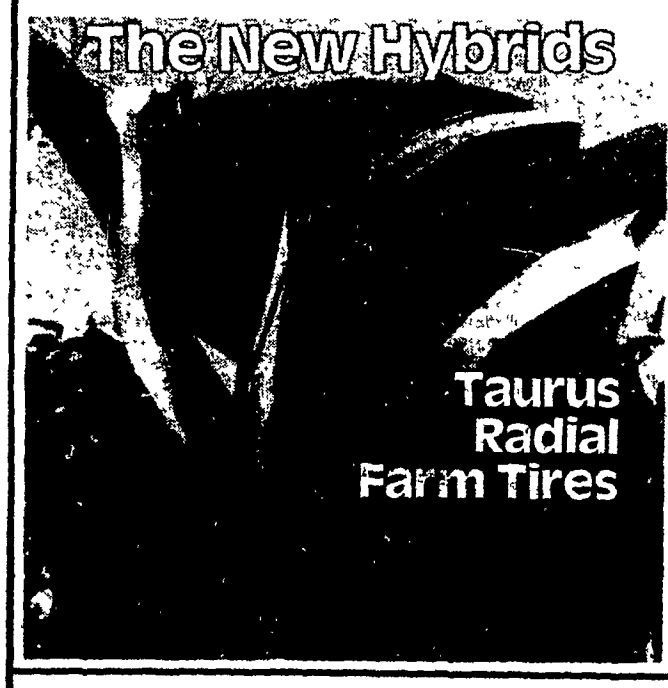
BRAND NEW RADIAL TRACTOR TIRE SPECIAL



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SPEED KING AUGER TRANSPORTS with FLEXI-BOOT HOPPER

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All These Sizes In Stock:

6x27	6x46	8x34	8x53	10x51
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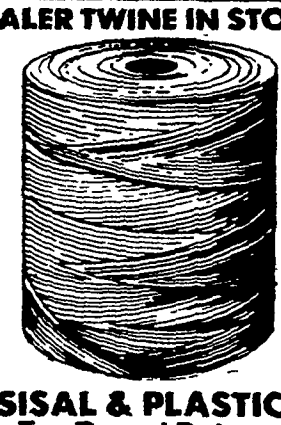

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For All Crops.

Available Setup.

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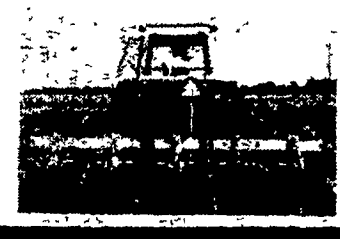

- Farm Hand 4 Row, Adjustable..... $1,500.00
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We're thankful for the sun, but a little relief in the shade feels good!

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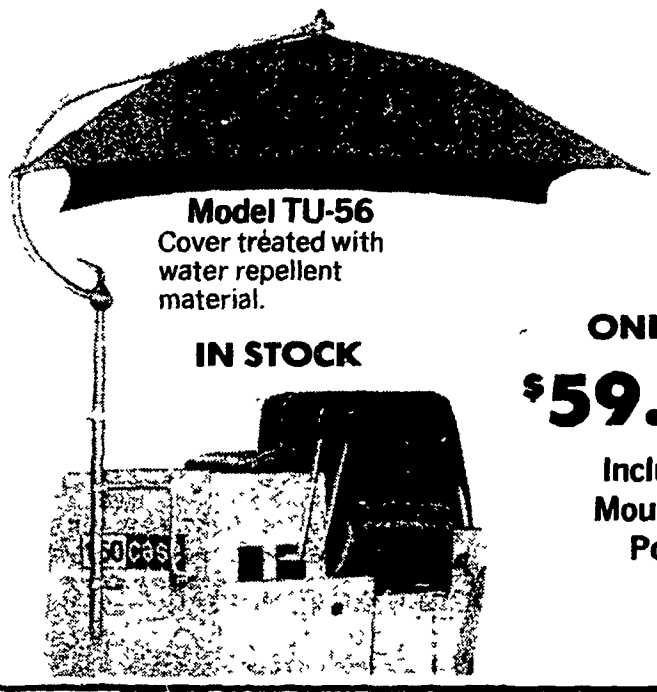

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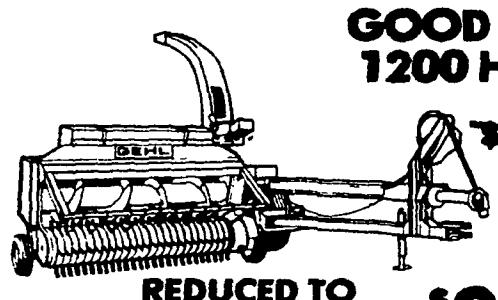

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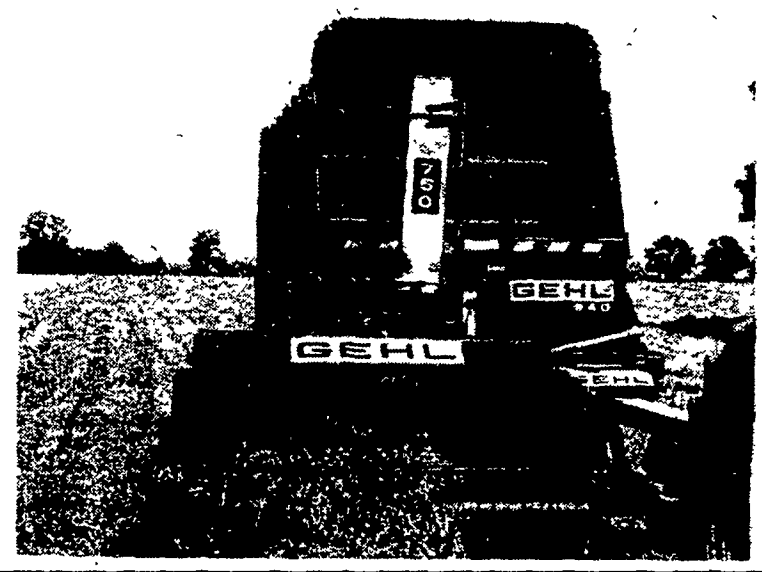

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- Oliver 12' Disk
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- Dunham 8' Cultimulcher No Transport
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- Bale Wagon 8x18 w/8 Ton McCurdy Gear
- 350 Knight Manure Spreader, 3 Beater and Endgate

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- 2-55 tractor
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- 2-75 tractor
- 506 5 Bot. SAR Plow
- 598 6 Bot. SAR Plow
- 435 Conservation Chisel Plow
- 5100 4-Row Planter, Dry Fert.
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- 507 Mower Cond.
- 509 Mower Cond.

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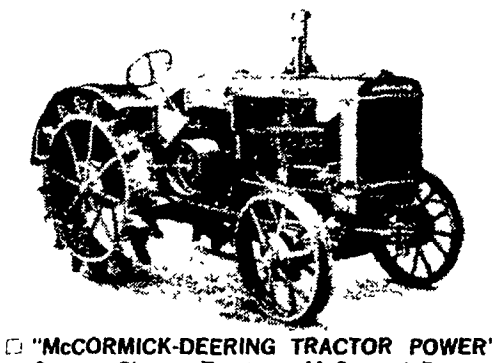

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- JD 14T baler w/#2 ejector
- MF #3 baler
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- IH 56 corn planter w/disc openers
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- JD 38 harvester
- JD 716 forage wagon
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- JD 7000 6 RN Conservation Planter
- White 5400 6 row N. no-till planter, 2895, as is
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- AC "E" Combine
- JD 7700 Combine w/heads
- MF 510 combine w/heads
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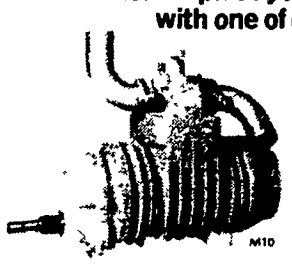

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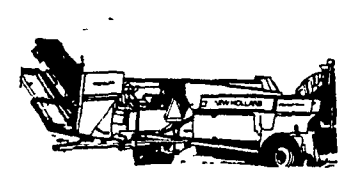

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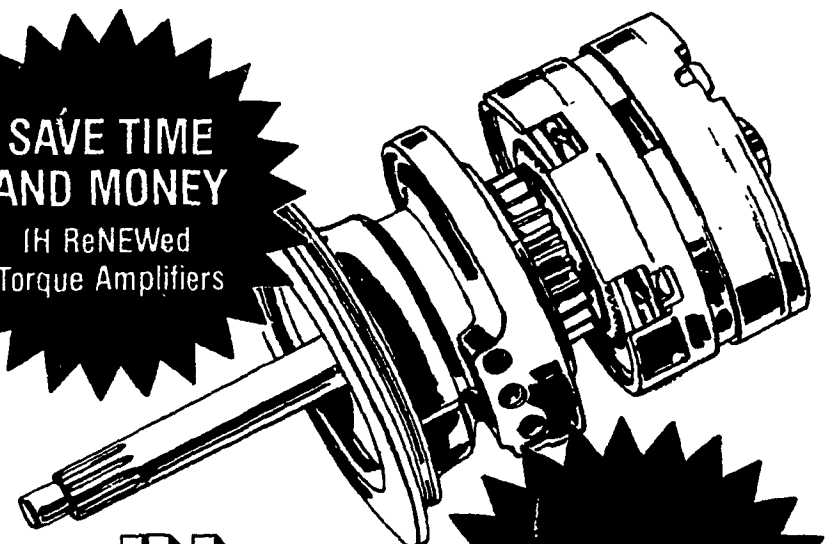

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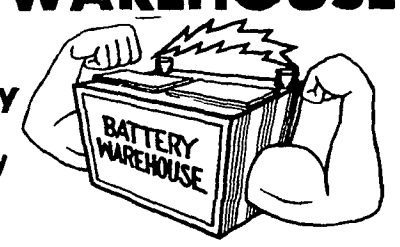

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W7372	IH 1466 w/Cab 20.8x38F 3824 Hrs.
W7379	IH 1456 w/Cab 3 Sets IH Rear Wts.
W7951	IH F1086D Frt. Wts., Radio
W7864	IH F1066D, No TA, No Cab, 18.4x38
W8040	IH F966D w/Cab, 18.4x38, Rear Wts.
W7835	IH 500G Crawler Loader w/5' Bucket
W7870	Farmall H w/Pulley
W7825	Farmall H w/Pulley
W7928	LeRoi Centour AG 49 w/3 Pt
W7821	IH 4120 Skid Loader w/35" Utl Bkt (new)
W8082	Deutz 100-06 w/cab
W8307	IH F1456D, No Cab w/Duals
W8229	IH F966D, No Cab
W7797	IH 656G Hydro
W8165	IH 584D, 480 Hrs.
W8045	IH 454G
W7183	Steiger, ST251 w/20.8x34 Duals
W8440	Ford 960 w/Loader
W8431	AC WD45 w/Loader
W8379	IH 4166
W8344	IH F886 D w/ROPS
W8249	JD 3020 D w/Power Shift
W8424	JD 2020 G

TILLAGE

TAG#	DESCRIPTION
T8102	Krause 2442 Disk
T8204	Kause 2413 Disk
T7049	Krause 2413 Disk w/3 Bar Tine Harrow
T5440	Deere KB Disk
T8034	Deere 110 Disk 10'
T7662	Miller 10' Disk Hyd. Leveling
T7751	Miller 12' Disk
T7413	Oliver 252 10½' Disk
T5584	Sunflower 29 Disk
T6033	A/C 3300 24' Disk
T7688	Ford 4F 16" 3 Pt. Plow
T7562	IH 800 10F 18" Plow Trailing
T7892	IH 710 6F 18" Semi-Mtd. Auto Plow
T7945	IH 710 4F 16" Auto Plow w/Coulters
T6470	IH 540 4F Plow
T8187	Tebban 13 Shank Sub Soiler
T8101	Dunham-Lehr 36' Packer
T8273	Deere H1000, 10' Disk
T8292	IH 350 9' Disk
T8166	Deere BW 10' Disk
T8363	IH 550 5F 16" Plow
T8366	IH 510 5F 16" Plow
T8412	Krause 1112, 16' Disk
T8439	JD TO 220, 17' Disk

PLANTERS & DRILLS

TAG#	DESCRIPTION
V3288	IH 400 Planter 8R Cyclo
V6654	IH 400 Cyclo 4R Planter
V7720	AC 600 6R Planter No-Till, Gran Fert.
V7567	IH 510 21x7 Comb. Drill w/Double Disk Opener
V7862	IH 510 18x7 Comb. Drill, Trailing, Hitch
	15' Tye No Till Drill w/Grass Seeder
V8358	IH 400 Cyclo 4R Planter

MISCELLANEOUS

	DESCRIPTION
	Moridge Portable Grain Dryer
V8371	Allied 265 Grinder-Mixer
U8418	NI 279 Cut/ditioner
U7321	Brady 1680 Flail Chopper
U7878	Hesston SM30 Stak Mover

COMBINES

TAG#	DESCRIPTION
U8457	IH 715 G Hydro
U7963	IH 1480
U8421	IH 1460
U8172	IH 1460
U7935	IH 1460, w/6700 Tires
U7961	IH 915D
U7138	IH 915D
U7104	IH 815D
U7244	IH 815D
U7818	IH 715D
U6126	IH 503-C w/430 CH, 13' Header
U7737	JD 6600 w/444 CH, 14' Header
U7757	JD 6600 w/443 CH, 215 Flex Header
U8024	JD 4420
U7904	JD E4400 G
U7222	MF 510 D Hydro
U8010	MF 510 D w/1143 CH, 13' Header
U8189	MF 410 D w/422 CH, 12' Header
U5373	MF 300 w/2R CH, 13' Header
U7158	Gleaner F w/A 330 CH, 13' Header

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

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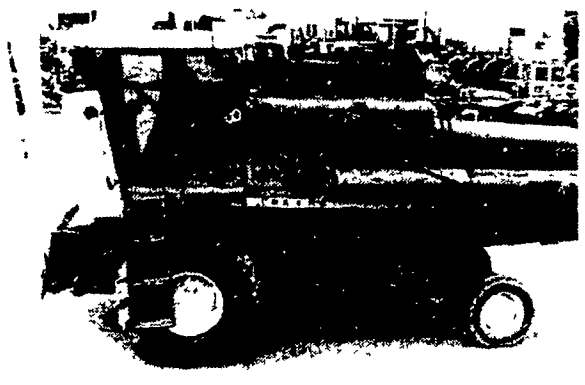
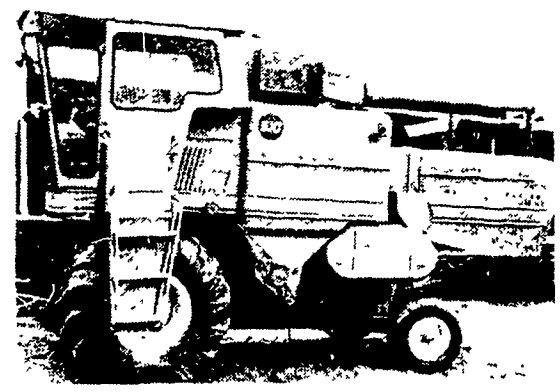
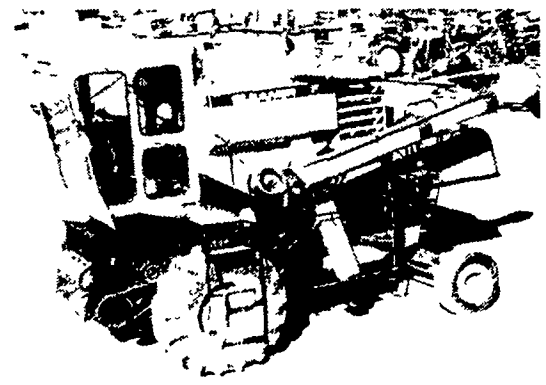
PLUS WAIVER OF FINANCE CHARGE UNTIL SEPT. 1, 1983



7757 - Deere 6600 D, 28Lx26, 443 Cornhead & 215 Flex Platform

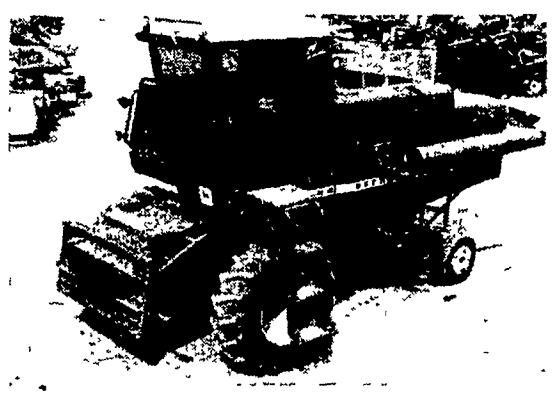


7222 - Massey 510D, Hydro, 23.1x26, 63 Cornhead, 13' Platform.

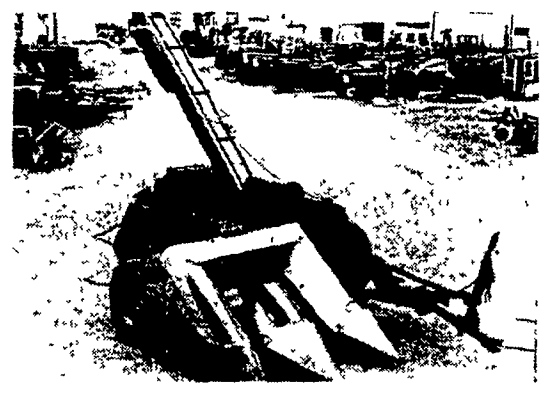


7158 - AC-Gleaner F, Gas, 330 Cornhead, 13' Platform.

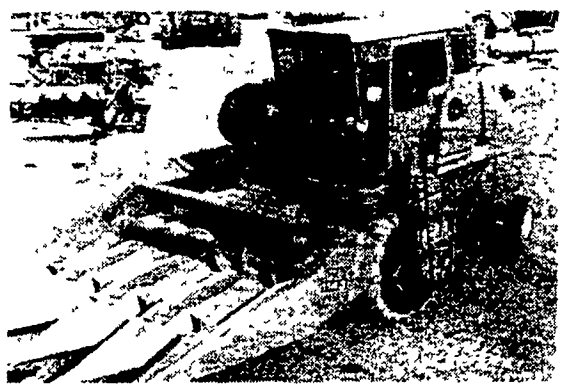
8005 - New Idea 325 Picker Sheller



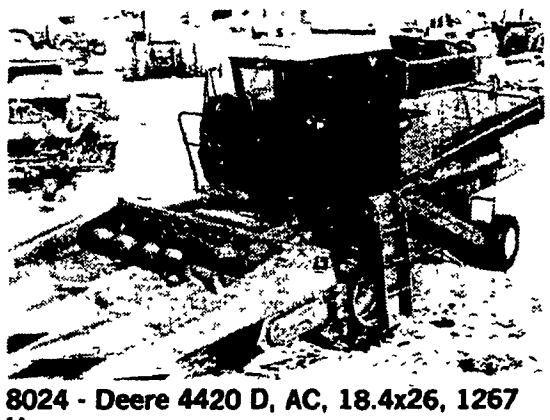
7904 - Deere 4400 Gas, 13' Grainhead



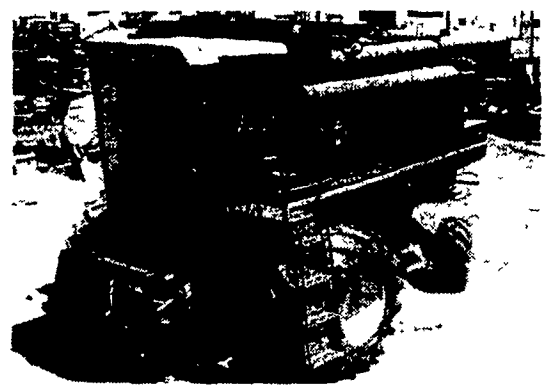
8004 - New Idea 325 Picker w/husking bed



8010 - Massey 510 D AC, 1143 Cornhead, 836 Hours

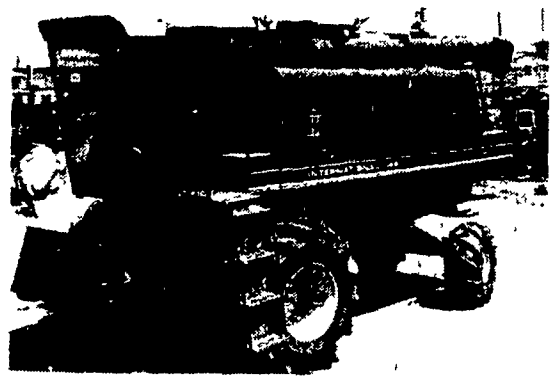


8024 - Deere 4420 D, AC, 18.4x26, 1267 Hours

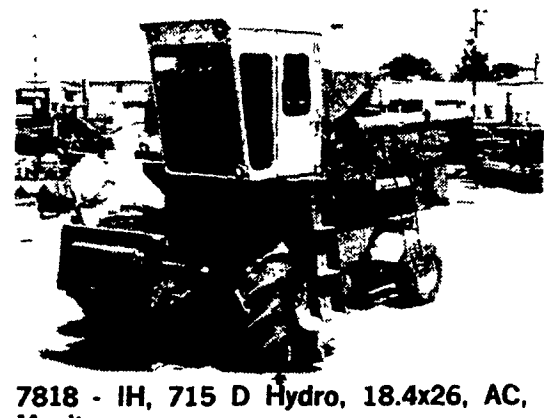


7963 - IH, 1480 Axial Flow, 30.5x32 Tires, AC, Monitor, 1486 Hrs.

7138 - IH, 915D Hydro, AC, 28Lx26



7935 - IH, 1460 Axial Flow, 67.00x34x30 Tires, AC, Monitor, 1500 Hrs.



7818 - IH, 715 D Hydro, 18.4x26, AC, Monitor

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NI #325 two row narrow pull-type very good condition
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9.75% A.P.R.
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FREE FINANCING
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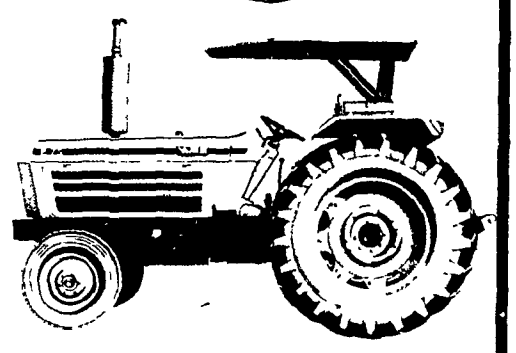
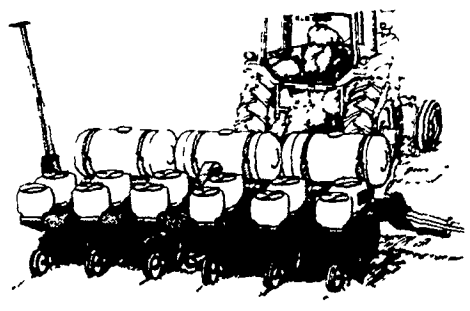
White Farm Equipment

TRACTORS!



White Tractor	List Price	Waiver of Finance or 9.75% APR Financing	Cash Price
Model 2-75	$23,328	$18,695*	$17,695
Model 2-105	$36,530	$26,500**	$23,990
Model 2-135	$44,390	$34,500**	$30,990

* 9.75% APR For 36 Month Contract or Free Finance Until 3/1/84.
** 9.75% APR For 60 Month Contract or Free Finance Until 4/1/84



CORN PLANTERS!

White Planters	List Price	Waiver of Finance Til 10/1/83 or 9.75% APR Financing For 24 Months	Cash Price
Model 543, 4 Row, No Till	$ 7,214	$ 5,995	$ 5,595
Model 543, 6 Row, No Till	$10,900	$ 7,450	$ 6,995
Model 5100, 4 Row, No Till	$11,543	$ 8,450	$ 7,995
Model 5100, 6 Row, No Till	$17,052	$12,300	$11,750

★ Quantities Limited - Hurry! Some Models Only 1 Available!
★ 9.75% APR Can Be Financed Thru BWAC, CECC, or Your Local Financing Source - Stop In For Details!
★ Terms: No Trade, F.O.B. Honey Grove, Pa.

NORMAN D. CLARK & SON

Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

★ ★ SPECIALS ★ ★

TRACTORS
PLOWS
RAKES
FORAGE HARVESTERS
WAGONS
BALERS
DISC MOWERS

S.G. LEWIS AND SON, INC.

RD #2, Box 66, West Grove, Pa.
215-869-2214
All Hay Equipment Free Finance until 6/1/83

OTHER SPECIALS

FORAGE

SNH #718 Forage Harvester w/#822 corn head $8,000
SNH #25 Blower $1,600
SNH #8 Crop Carrier w/roof & 238 wagon $7,100

HAY

SNH #451 Mower w/7' Cutter Bar $1,860

SPREADERS

SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters $8,500

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service.
This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

CHAMBERSBURG FARM SERVICE, INC.

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USED TRACTORS

Waiver of finance on used tractors till 9/1/83 with approved credit.

IH B
IH 826 w/ROPS
IH 340
IH 656 Dsl. w/2000 Loader
IH 504 w/Loader, nice
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 706 Tractor
IH 656 Gas Farmall Tractor
IH 200 Farmall
IH 756 Diesel Tractor
IH 2250 Loader
IH Cub Cadets
IH 460 Gas
IH 706 Dsl. tractor w/310 Motor
#10 Hydra-Mac Skid Loader
Hydro 100 Diesel Tractor w/2350 Loader
Hough Loader 4WD w/Cummins Dsl.
IH 1066 Tractor w/cab, 2050 hrs.
JD 4010
JD 60
JD 70 Skid Loader

HARVESTERS

Fox 263 Late Style Head
Fox 546 Fg. Harvester
Fox 3300 w/2R Narrow Corn Head
Fox 249 Snapper Head
Fox 215 2RN Corn Head
Fox 1000 Fg. Harvester
NH #818 Fg Harvester
IH 650 Fg Harv 2R
IH 555 Fg Harvester
Brady 608 Flail Chopper
NH #36 Flail Chopper
Fox 3000 Fg. Harvester
IH #5 Flail Chopper
Papec Harvester w/2R Head & Pickup

SPREADERS

NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
Hawk Bilt 205
Badger 3000 gal. gal. Liq Tank Spreader
Clay 1500 gal. Vac. Tank
NI 214 Flail Manure Spreader
Hawk Bilt 357 Spreader
Hawk Bilt 207 Spreader

COMBINES

IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 615 Combine w/10' Platform
IH 205 Combine w/13' Platform
IH 843 4 Row N Corn Head
IH 76 Combine
IH 303 Combine w/13' Platform

HAY EQUIPMENT

IH 2400 Big Roll Baler
IH 440 Baler w/Thrower
NI 279 9' Cut/ditioner
IH 990 9' Windrower
IH 225 SP Windrower
Hesston 320 AP 9' Windrower
JD 5' Rotary Mower - Excellent
NH 27 Blower
IH 56 Blower
Oliver Rake
JD 640 Rake like new

TILLAGE EQUIPMENT

IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 700 5x16 reset Plow
IH 311 Plow
Oliver 3x14 3 pt. Plow
Case 4x16 Reset Plow
JD 5x16 Reset Plow
Case 8' Disc Offset
IH 9A 9' Disc
IH 19B Disc
Kewanee 13'6" Wheel Disc
Athens 12'11" Disc, Like New
JD KBA 12' Disc
IH 534 Row Cultivator
Niemeyer Power Harrow

COMING IN...

JD 300 2R Corn Picker
NI #330 3RN Picker
IH 400 Tractor
JD 214 Fg Wagon
IH 1568 Tractor

1976 CHEVY C60 TRUCK w/18' bed, 350 engine, 57,000 miles

WAGONS

Coby 14' wagon w/rear unload
VanDale 185 Mixer Wagon w/Scales
Coby 4000 Fg. Wagon
Grove Fg Wagon w/7 Ton Gear
Grove 14' Fg Wagon
Badger Fg Wagon w/Tandem Axle, Root
NI 603 Fg Wagon
Badger 16 Fg Wagon
(2) Bale Wagons

NEW IDEA UNI EQUIPMENT

/05 Power Unit
840 Feeder House
818 Combine
/67 Forage Harvester
/13 Platform
/44N 4 Row Corn Head
844W 4 Row Corn Head
/70 Ear corn Adaptor
/67 Forage Harvester
/10 Combine
/29 A Shelter
NI /44N Corn Head
/70 Feeder House

GRAIN DRILLS

Haybuster 1206 no-til drill, excellent
IH #10 Grain Drill, nice
JD 13x7 Grain Drill
JD 17x7 Grain Drill

MISCELLANEOUS

3 pt Stack Mover
Jamesway 60 Belt Feeder
KW Loader for IH 284
Boyhill 300 gal Sprayer
Hesston #10 Stacker
JD 150 gal 3 pt Sprayer
Better Bilt 12 Manure Pump
Badger 26 Conveyor

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

Used Equipment Specials...

12 Ft. Brillion Cultipacker-(Rolls 10'6)
Cub Tractor w. 60" rotary mower 5' sickle bar and plow
Used wood splitters
JD 4-Bot. Plow..... $795
B 7100 4 Wheel drive Kubota, 500 hrs..... $4,800

New Equipment Specials...

Yanmar 15 HP 2-WD..... $3,695
Yanmar 15 HP 4-WD..... $4,100
Yanmar 22 H.P., 4-WD..... $6,500
Used Loader For 22 HP..... $1,500
AMCO Disk..... $4,495
Landoll 7 Tooth Chisel Plow..... $1,500
Fuerst Flexible Tine Harrow..... $650
500 Gal. Field Sprayer, 35' Boom. $1995
Leftover AmPro Rear Tine Tillers
3 pt. Backhoe
3 pt. Cordwood Saw
3 pt. Hookup Cement Mixer

MARTIN HARDWARE & EQUIPMENT CO.
1½ M. south of Schaefferstown, Pa.
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TRIPLE H EQUIPMENT

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ROUND BALERS
4-New Vermeer Balers
2-Demo Vicon Balers
1 Demo 504H Vermeer
Hesston 10 Stack Mover

MOWER CONDITIONERS
1-KM 32[SOLD]on 11'(DEMO)
1-KM 240 8' (new)
1-KM 2[SOLD](Demo)
1-CM 240 8'
1-CM 205 7'
1-JD 1[SOLD]Haybine

RAKES
1-8 Wheel V Rake
1-Vermeer R23B Twin

PLANTINGS AND TILLAGE
1-George White 510 Gal. Sprayer
1-10' Vicon Power Harrow
1-15' Vicon Power Harrow
1-Haybuster No-Till Drill 10'6"
1-Used JD 1300 Corn Planter 6 Row
1-New 8' Scraper Blade
JD Model 70 w/bucket $4000

SPECIAL OF THE WEEK
New Vicon 8' Mower Conditioner
$8600

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag. **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at $150 each and carry a 90 day guarantee. We have all the parts needed to rebuild your TA in stock at prices that will save you money. We also have a shop available for complete TA installation Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx. 4-6 hrs.) We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines.

— INTRODUCTORY LISTING OF NEW ACCESSORIES —

Easy-Shift Trans-Brake Control - fits 06, 56, 66, 86 and 2+2 tractors. Eliminates grinding, eases hard shifting, reduces wear, and installs easily in approx ½ hour. Will work on tractors with or without TA. Priced at $189, shipping included.
New 3 pt. Hitch assemblies - Now available for SMTA, 400, 450, 560, 544-656, 666, Hydro 70, 706-806, 1206, 56, 66, 86 & 2+2 tractors. Also available for cat II & III models. Prices start at $450.
Drawbars - O.E.M. replacement. Fits 06, 56, 66 & 86 tractors. Standard - $125, Telescoping - $200. Center extension available for $85.
Top-Link Anchor Bracket - with oil fill & dipstick. Eliminates pouring oil through cab & platform. Available for cat II & III tractors. Priced at $90 and $100.
Front Weight Brackets - For IH suitcase weights, fits 06, 56, 66 & 86 tractors 10 wt. capacity - $90, 12 wt. - $100, 16 wt. - $125, spacer blocks - $18.

— USED PARTS —

We buy and sell used parts and parts tractors We have a good selection of quality used parts at competitive prices. Please have part no. when calling, if possible

Selling parts from the following:
Tractors - IH 1066, 806, 756, 706G, 656D, 660D, 460, 450D, 340, 350, 300, M, SM, H, W-D9c, W-6 & A. JD 520, 4020, 3010, 2020D, 60, A, B, Oliver 1650 G.
Combines - IH 203, 303, 815-D, 407. JD 30 & 55, MF 35, MF 510 G Quick Tach, Uni- 701, 702 & 705 tractors, also 710 combines & 727 & 737 huskers.

Dealer Inquiries Welcome
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Willow Street, PA 17584
717-464-2874

AVCO® NEW IDEA CLEARANCE

NEW EQUIPMENT

NI 768 3 Row Adj. Harvester Hd.	$5075.00	NI 177 41 ft. Elevator	$2450.00
NI 279 Cut/ditioner	4875.00	NI 199 61 ft. Auger Elevator	3925.00
NI 272 Cut/ditioner	4650.00	NI 323 One Row Picker	6500.00
NI 406 Rake	2100.00	NI 324/327 2 Row Picker w/12 Roll Husking Bed	10,900.00
NI 456 Large Round Baler	8550.00	NI 329 Sheller	4275.00
NI 119 Fertilizer Spreader	1010.00	NI 621 Forage Blower	1800.00
NI 213/215 Manure Spreader w/3 Beater Element	4650.00	NI 766 Uni-Forage Pickup	2100.00
NI 244 Manure Spreeader	7450.00	NI 767 Forage Harvester	8500.00

*** Check Our Low Prices!**

USED EQUIPMENT

NI Uni-Power Unit	$5025.00	NI 733 2 Row Wide Corn Head	$1700.00
NI 710 Uni-Combine	3700.00	NI 729 Uni-Sheller	900.00
NI 727 Uni-Husking Bed	2000.00	NI 702 Uni-Power Unit	6200.00
NI 711 Uni-Grain Platform	700.00		

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Interest Free New Equipment Until 1-1-84 Used Equipment Until 12-1-83
Or Special Financing As Low As 2.9% APR Interest

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*** Check Our Low Prices!**

All New Machines May Be Eligible For Retail Cash Rebate In Lieu of Finance.

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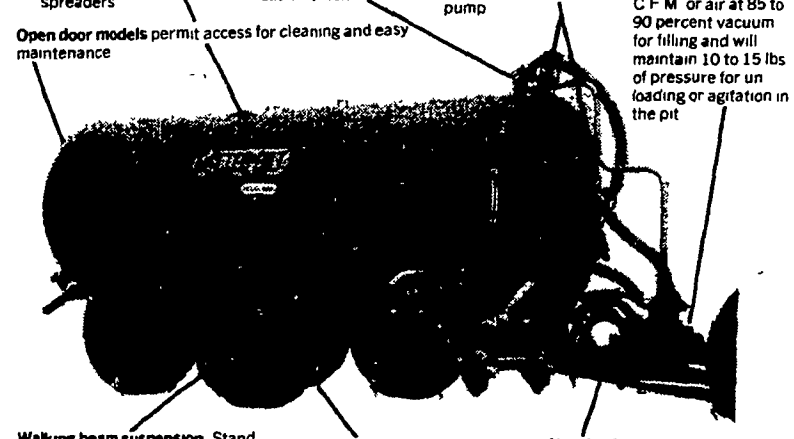
Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over-pressurization of tank
Primary Shut-Off valve, plus a secondary shut-off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
Walking beam suspension Standard on 2,600, 3,150, 3,600 and 4,600 gallon models (Optional on 1,500 & 2,100 gallon models) Front & rear wheels on each beam follow contour of the ground, provides a smooth level ride
Flotation tires reduce soil compaction, let you spread on soft ground early in season
Massive frames resist the wrenching, twisting, jolting shocks of hard field usage, year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

1 - 1974 Ford LT 9000 tandem axle tk tractor with PT 270 Cummins engine, 6 speed Fuller trans., power steering, air slide 5th wheel, good 10.00x20 tires.

SPECIALS

1 - Used Better Bilt Auger-Matic Spreader, 3150 gallon.

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- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

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Authorized Service Center for Wisconsin Engines

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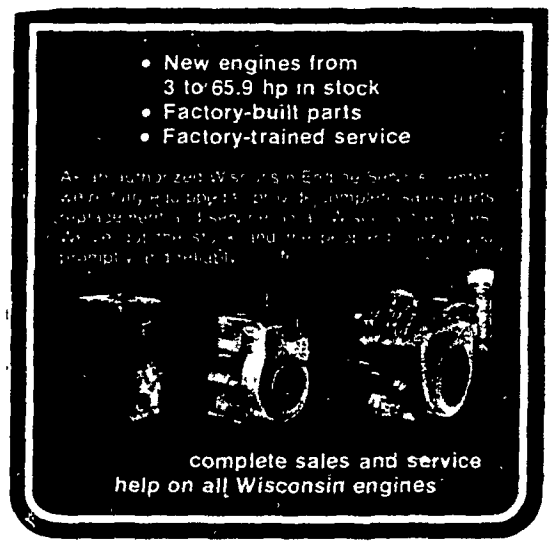
(717) 768-3318 Service Calls



- New engines from 3 to 65.9 hp in stock
- Factory-built parts
- Factory-trained service

complete sales and service help on all Wisconsin engines

Announcing

Inch Equipment Co. is now open at a second location, McAlisterville, PA.

We are receiving IH parts daily to stock our shelves. New IH Equipment to be arriving shortly and our shop is open for complete IH service, staffed by experienced servicemen.

Stop in to say hello or call 717-463-2191.

New Equipment Specials

IH #800 6 row plate planter(DEMO)
Gehl 100 grinder-mixer, $6,725
Gehl 1600 baler (DEMO) $8,000

Used Equipment at Dalmatia

I 84 hydro diesel	$13,450
I 544 gas, utility	$5,400
F400 gas, new tires	$1,850
460 diesel w/2001 loader & hyd. bucket	$3,500
Farmall M	$1375
412 4x14" plow	$495
550 5x14" plow	$850
MF 3x14 3 pt. mtd. plow	$395
Kasco 12' 3 pt. chisel plow	$1675
#45 vibra shank cult., 26½'· w/mulcher attachment	$3,500
JD 13x7 single disc drill	$795
IH 400 4 row planter	$2,000
IH 455 4 row shoe planter, as is	$675
AC 4 row cornplanter, as is	$725
AC model 600 no-till corn planter, 4x38"	As is $1500
IH 453 cult. 4 row rear mtd.	$850
IH 205 combine, cab, 10' platform, 2 row corn hd.	$6,500
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
Gehl CB 600 forage harvester, 2 row corn head & hay pickup (new knives)	$3,750
Fox blower (as is)	$575
1190 mower-conditioner	$4,150
Hesston PT-12 pull-type windrow	$1,025
IH 863 6x30 corn head	$6,950

Used Equipment at McAlistersville

F 656 gas, wfe, 3 pt.	$6,600
544 gas tricycle 3 pt.	$5000
NH 270 baler w/thrower	Coming in
10' Dunham-Lehr packer mulcher	$1,500
Kewanee blade, 8' 3 pt.	$495
IH 56 blower	$950

INCH EQUIPMENT CO.

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717-758-6491
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18 mi. South of Sunbury
McAlisterville 717-463-2191
Rt. 35, 9 miles east of Mifflintown,
25 miles west of Selinsgrove.

INTERNATIONAL AGRICULTURAL EQUIPMENT

• U.P.S. Service Available

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

DEUTZ

VM

REPAIRING & REBUILDING OF ALL KINDS OF DIESEL AND GASOLINE ENGINES

2 Cyl. F2L-912

SU-1052

USED DIESELS
SR-3 Lister
SR-2 Lister

- Rebuilt SU1052VM-Completely Overhauled
- Used 3000 Watt Generator, 110V.
- Used Wisconsin, as is - Call for Details

CHECK OUR PRICES AND LABOR RATES FOR SERVICE CALL:
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717-354-4374 or 687-6874 (after hours)

James E. Horst

INDUSTRIAL ENGINE SALES AND SERVICE

Box 476, Intercourse, PA 17534

INTERNATIONAL® AGRICULTURAL EQUIPMENT

THIS MONTH'S SPECIAL ON NEW EQUIPMENT

New Tractors on Stock
IH 3688 w/cab
IH 3288 w/rops
IH 684
IH 784
IH 484

New Hay Equipment
IH 428 baler w/thrower
IH 1190 9' mower conditioner
IH 781 forage harvester
IH 881 forage harvester
IH 120 16' forage box
IH 130 16' forage box

New Tillage on Stock
IH 720 6F-18" toggle trip on land plow
IH 720 5F-18" auto. reset plow
IH 510 4F-18" plow
IH 475 12' disc
IH 480 13' 5" disc
IH 496 19' flexwing disc
IH 4500 12' field cult.
IH 5500 11' Chisel-plow

USED TRACTORS

IH 1086 D w/cab $22,500	IH Super C $1250
IH 966 D hydro w/cab $12,500	IH 484 D w/300 hrs. $10,500
IH 186 D w/ SOLD dro nice .. $22,500	Ford 9N w/(nice) lo SOLD $1750
IH 806 D w/3 pt. $8500	IH I-656 D hydro $5450
IH 684 D, w/99 hrs. $13,650	

USED CORN HARVESTING & COMBINE EQUIPMENT

Fox 1 Row Corn Head for a 546 . $150	JD 30 pull combine w/PTO $950
IH 80 pull combine (nice) $1850	

USED HAY EQUIPMENT

IH 37 Baler w/thrower $1800	JD #2 hay tedder $150
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit $5250	IH 2 rw wide and narrow head for 720 and 830 harvesters $1650
IH 990 9' mower conditioner .. $1950	Woods M5, 5' r SOLD utter . . $650
JD 15 5' flail chopper $450	Lamco 16' forage box w/roof $1850
	NI 7' trailer mower $350

USED TILLAGE

IH 401 16' Harrow $600	JD 21' transport harrow $1250
IH 560 6F 16" plow w/cyl. $1500	IH 550 5F 16" plow $1250
Brillion 15' cultipacker (end transport) $1250	IH 710 5F 16" plow w/cyl. $2250

SPREADERS AND MISC.

NI Model 211 Spreader (Nice) . $1350	JD R gr. dr. spreader $500
IH 540 w/hyd. endgate, ... $2150	JD 29B 100 gal. sprayer $750
JD 300 elevator, 30' $500	

USED PLANTERS AND DRILLS

IH 56 4 row $1250	Oliver 2R planter $150
IH 400 4 row 38" $1500	IH 400 6 R 30" Planter, w/insect $3500
JD Van Brunt drill. $500	JD 1240 4 R wide planter $1750
IH 249 2R planter $500	

Waiver of finance until 5-1-84

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings · 717-524-2924 - Frank Saner

USED BELTING MATERIAL RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses

Paul N. Brubaker
215-286-5298

WENGERS INC.

251 South Race Street
Myerstown, PA 17067

717-866-2135

Nights Phone: 717-866-7147 or 717-273-9089

CONSTRUCTION EQUIPMENT

NEW 1983 TRAILERS ON SPECIAL
- 1 Axle, 2 Ton $1150
- 2 Axle, 4 Ton $1350

RUBBER TIRED LOADERS

JD 544B $28,500	
OMC 770. ... $16,500	
Michigan 55 ... $8500	
Prime Mover LD50 ..... $12,500	
Hough HM - As Is $2500	
AC 840 ..... $17,500	

BACKHOES

Parsons $5950	
Case 580B .. $12,500	
Ford 4500 ... $10,500	
Ford 5500 ... $12,500	
White 4-80. .. $16,500	
Long 5 in 1 ... $16,500	
(2) IH 3400A ... $8950	
IH 2504 ..... $6950	
IH 3820 ..... $16,500	
MF 70 ..... $16,500	

BACKHOE ATTACHMENTS

IH 3141 ..... $2000	
Sherman. $650	$2000
JD 93 ..... $3500	
JD 93A $4900	
Case. . $1750 &	$2500
McConnell $2200	
Long - New $4250	
Ford $1450	

TRACTORS WITH LOADERS

Case 580CK ... $6950	
(2) Ford 600 ... $3650	
MF 20C. $5950	
Ford 8N $2450	

CRAWLER LOADERS

Cat 933 ..... $8500	
IH T6. ..... $2950	
Cat 951B $19,500	
Oliver OC6 .... $2950	
JD 350 ..... $5475	
JD 350B w/Backhoe. .. $18,500	
Cat 977K $23,500	
Cat 977L $49,500	
AC HD3 ..... $5950	
Oliver OC3 .... $2950	
Case 350 ..... $9950	
Cat 941B $19,500	
JD 350 w/4 in 1 ..... $7500	
Case 350 ..... $7950	

SKID LOADERS

OMC 1700 Diesel $6500

DOZERS

Cat D8H $18,500
Old Cat D8 .... $2000

CONSTRUCTION DUMPS

1974 IH Diesel w/9' Body - Air Brakes $10,900
1946 GMC 10 Wheel Dump $5000
(2) Mack 25 Ton Rock Trucks. ..... Call
(3) Mack 20 Ton Rock Trucks. ..... Call

MISC. CONSTRUCTION

(40) Used hoe buckets . . . From $150
(25) Loader buckets .... From $95
(30) Set forklift forks ..... From $300
(6) Winches ..... Call
Adams Grader . $2300
Mortor Mixer . . . $650
Hein Warner C12 Hydraulic Backhoe $6000
Leroi 125 CFM Air Compressor . . . $2000
Wayne 984 Diesel Street Sweeper $8950
1 Ton Roller . . . $1000

TRAILERS

1983 2X 4 Ton ..... $1350 & $1600
1978 2X 6 Ton . $2650
1983 3X 9 Ton . $4400
1983 1X 2 Ton . $1150
1983 2X 12 Ton $5800
(2) 1977 Freuhauf - 40' Flats $5500
1978 Freuhauf - 42' Flat $7500
(2) 1979 Strick - 40' Flat $7000
28' Fifth Wheel - 2 Axle. $2000
1963 Gindy 40' Van $2500

TRUCK TRACTOR

1974 Ford Louisville Diesel $6950

FORKLIFTS

Ford Marshall. . $6850
Int. 7000 - 21' $10,500
Int. 4500 - 21' $12,500
Clark - 6000 lb.. $2950

LOG SKIDDERS

JD 440A $9500

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251 SOUTH RACE STREET, MYERSTOWN, PA 17067

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FINANCING AVAILABLE — TRADES WELCOME

FARMALL TRACTORS

Cub Cadet 129 w/Mower . . . $1000
806D . . . . . Coming in
706D - TRY - 3 pt. $4950
Cub w/Fast H tch $2450
674D - 1974 . . . . . $6950
460D - FH $2650
Cub w/Cult. $1850
706D - No PTO or Hitch $3450
15-30 - Antique $1750
130 w/FH & Cult. $3750
1066 w/Cab - 1973 . . . . . $10,950

MASSEY FERGUSON TRACTORS

1105 . . . . . $8450
175D $5850
180 - Gas $4850
40 w/Sickle Mower & Cab - Nice $5950
165D $4950
135 Gas - PS - MP $3950
20C w/Loader $5950
135 Gas - Turf Special $3950
44 Special - Diesel $1350

FORD

8700 Cab - Air - 1977 . . . . $13,950
6600 . . . . . $7950
2000 w/Mower - Nice $3950
8N $1650
(2) 600 w/Loader . . . Choice $3650
9000 . . . . . $6950
(3) 5000D $4450 & $5450 & $6450
(2) 6000 . . . . . Choice $2750
3000D - PS - Nice $4850
(4) Antique Fordsons . . . $800 & up
8N w/Loader $2450
9N Step-up $1750
8600 . . . . . Coming in

CASE

VAC - Nice $1250
580 CK w/Loader & 3 pt. . . . $6950
(3) 930 Standard. . . . . From $2500
1270 w/Cab - P. Shift . . . Coming in
995 - 1979 - 500 Hours $9450

"5" 4 WHEEL DRIVE TRACTORS From 65 HP to 200 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice - 1500 Hrs. . . $17,450
Ford County 6 - 3 Pt PTO . . . $5950
Case 2470 - Cab - 3 Pt - PTO - 1973 . . . . . $14,950
MM AT4-1400 - 3 PT - PTO. . . . Call
Ford County 6 - 1124 - 1970 $8950

OLIVER — DEUTZ

1950T - Nice $7,950
Deutz 10006 . . . . . $4950
Deutz 6006 - Nice $5950
880 Gas - 3 pt. - P.S. $2950
1855 w/Cab - 1500 Hrs. . Coming in

ALLIS CHALMERS

G w/Hyd. & 4 Tools $2500
WD45 w/Plow $2000
(2) G w/Rotary Mower $1850
200 w/Cab - Nice . . . . . Coming in

JOHN DEERE

4620 - P. Shift - Nice $12,450
4320 ROPS - WTS $11,950
4320 . . . . . $10,950
5010 . . . . . $6350
4020 - Side Console - Syncro - Nice $8950
(5) A . . . . . $595 & up
4010 LP - Wide Front $3950
(2) 50 - Choice $1450
4230 - ROPS - 1976 . . . . . $10,500
4430 Cab - P. Shift - 1975 . . . . . $16,450
4030 - Syncro - 1974 . . . . . $9850
2840 - Clean - 1978 . . . . . $11,950
4520 - Nice $8950
1936 Antique "A" - Nice . . . $2850
70D w/3 Point $2000
720 LP w/3 Point $2000
"G" $1450
60 w/NI 2x Picker $3000

LONG

310C - New $6450

KUBOTA

L245 w/Mower - 40 Hrs. $6495
L185 w/Mower $4950

HARVESTERS

NH 890 . . From $4000
NH 880 . . From $1500
(4) NH Super 717 . . . . . From $1750
(2) JD 25 w/1 row . . . . . From $1650
JD 35 . . . From $1500
Gehl 800 w/2 x 30 . . . . . $6500
Fox . . . . . From $1000
(2) A.C. 720 w/2 x 30 . . . . . From $1500

100 EXTRA HARVESTER HEADS PICKUPS - CUTTERBARS - CORN FOR ALL MAKES

BALERS

JD 336 w/Ejector $4950
NH Super 69 w/thrower $1450
JD 410 Round Baler . . . . . Coming in
(2) JD 24T $1000
(3) JD 14T . . $500 & up
(2) NH 66 . . . . . $795 & $895
Case 230 w/Thrower $1450

SICKLE MOWERS

(20) On Stock . . . . . All Price Ranges

CHISEL PLOWS

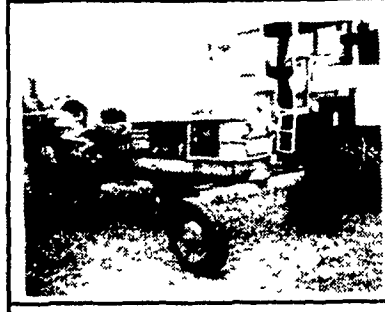
Mohawk 12' 3 pt. $1475
7 Shank "V" Chisel $1500

HAYBINES

Ford 7' - New . . $3000
Ford 9' - Clean . $3000
Hesston PT7. . . $1950
(2) N.I. 279 Cutditioner - Nice $3500

TRACTOR CABS

(1) Used For AC 190XT $1000
(4) Used for JD 4020 . . . . . $500 to $1000
(1) Used for IH 06 & 56 . . . . . $750
(1) Used for Ford 6000 . . . . . $875
(1) Used for AC 180 . . . . . $1500
(1) New for Ford 5000-7000 $1800
(5) New for MF - 275 to 1155 . . . . . $2000
(15) Used Combine Cabs . . . . . Call
(10) Used Rollbars . . . . . Call
New Cooler for Cab $500
(1) Used for IH 66 . . . . . $1500
(1) Used for 4020 w/Air $1750



FORD 6000 DIESEL

CHOICE OF TWO

$2750 EACH

MECHANICS SPECIALS

(2) Oliver 1850's - Good Buy . . . . . $3450 ea.
Farmall 806 D $3750
Oliver 1850 D - 4WD $4500

10 CORNPLANTERS — CALL — 30 PLOWS

1976 MF 1805

195 HP, 1,500 Hrs., Cab, Air, 3 Pt. PTO, Duals

$17,450

COMBINE CORN HEADS NARROW ROW
IH 833-743-733-429 -329-863-327
JD 643-443-434-334 -313-335-343
AC 630-430-330
Oliver 703N-531-541-704N
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30-4x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

COMBINES
JD 7700 D - Fire Damage $6900
JD 4400 - Nice - Rotary Screen $14,500
JD 45 SB w/2 Hds. $5950
MF Super 35. . . $4950
IH 82 Pull Type. $3500
JD 4400 . . . . . $6450
702 Uni System $3950
JD 45 SB $6950
Case 660 - Nice $6950

LOADERS
Good Asst.
All Used

GRINDER MIXERS
OMC - Nice $3850
NH 352 . . . . . $3450

STACK MOVERS
Hesston 10W & 30
JD 200

CORNSHELLERS
JD #6 . . . . . $1500
MM 1200 . . . . . $3800-$4500
(2) JD 43 - 3 Pt. . . . . $475 & $875
JD 43 - Pull $875

ELEVATORS
32' to 40' - $695 & Up

CULTIVATORS
1 Row to 4 Row
Lots of Makes And Models

NI UNI SYSTEMS
701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
710 Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
760 Chopper
717 Combine
702 Tractor w/cab

MANURE SPREADERS
NI - NH - IH Single Axle . . . . . $495 & Up
NH Tandem Axle. $2850
Badger Liquid Tank
Clay Honey Wagon

WAGONS
6-8-10-11-12 Ton Gears . . . . . $425 & Up
New Bale Bodies $595
New 16' Feeder Rack $595
Used 18' Feeder Rack & Gear $595
Used Bin Wagons . . . $695 & Up
Self Unloading Wagons
Bale Wagon $695

MISC. MACHINERY
Rotary Hoes
Lely 13' Roterra
4' to 10' Snow Plows
Lime Drills
Potato Plows
1X & 2X Potato Diggers
GT 270 Dryer . . $3500
Mc 600 Dryer . . $3500
(2) Gehl 72 Flail Choppers
JD 1500 Power Drill

CULTIMULCHERS
11'-12'

DUALS
New & Used
All Sizes

NEW DISC'S
3 Pt. - New & Used
Wheel Type From 8' to 24'
Offsets

SNAPPER HEADS
SHOP EARLY FOR GOOD SELECTION
NH 1x $1500
NH 2x30" w/Long Tongue. $3500
Fox 2x30 & 2x40 . . . . . $2350
JD 2x40 . . . . . $2450
Fox 3x. $3500

NEW EQUIPMENT SPECIALS

- 6' 3 pt. blades $195
- 7' 3 pt. blades $250
- 8' 3 pt. blades $350
- 6' 3 pt. Landscape boxes $475
- 6' 3 pt. disc's $495
- 7' 3 pt. disc's $695
- 3 pt. fert. seeders . . . . . $275 & $395
- 3 pt. boom poles . . . . . $50 & $100
- Round bale feeders $145
- 3 pt. P.T.O. woodsaws $495
- 3 pt. 12" Post Hole digger $450
- 165 bu. gravity bins $475
- 210 bu. gravity bins $565
- 1 x 3 pt. plow $295
- 2 x 3 pt. plow $495
- 3 pt. bale mover $150
- 3 pt. potato plow $95
- 3 pt. subsoiler $150
- 3 pt. spike harrow . . . . . $500 & $600
- 6 ton wagon $425
- 8 ton wagon w/goodies $575
- 10 ton wagon w/goodies $625
- 11 ton tandem w/goodies $950
- 12 ton wagon w/goodies $950
- 4' 3 pt. rotary mower $485
- 5' 3 pt. rotary mower $495
- 6' 3 pt. rotary mower $695
- 4' pull rotary mower $675
- 5' pull rotary mower $695
- 6' pull rotary mower $895
- 6' 3 pt. stone rake $495
- 7' 3 pt. stone rake $525
- 8' 3 pt. stone rake $545
- Speedy 1200 bushel corn cribs $895

USED PARTS — EAST COAST'S LARGEST

Tractors - Combines - Crawlers - Backhoes - Harvesters - Balers - Cornheads - Haybines - Pickers - Spreaders - Plus Other Items. Over 5000 Salvaged Pieces Since 1960.
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Parts Calls Taken 7:30 A.M. To 5:00 P.M. Weekdays
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GEO. V. SEIPLE & SON

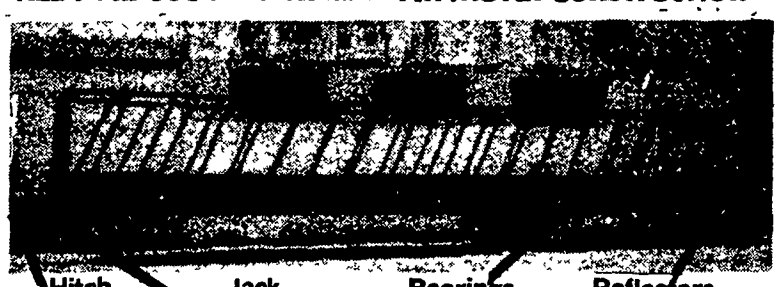
USED JOHN DEERE 7700 ~~SOLD~~ 13' GRAIN HEAD, 6 ROW 30" CORN HEAD — $11,500

USED JOHN DEERE 6600 SIDE HILL DIESEL, 15' GRAIN HEAD FLEXIBLE 6 ROW 30" CORN HEAD — $37,750

USED JOHN DEERE 4400 DIESEL 13' GRAIN HEAD — $17,500

R.D. 2, Van Buren Road, Easton, PA 18042
Phone (215) 759-7141 or 258-7146

ALL PURPOSE FEED TRAILER All Metal Construction



Hitch — Slide away hitch to prevent cattle from injury

Jack — Fold up bulldog for easy hookups

Bearings — Tapered roller bearings for long lasting & easy towing

Reflectors — SMV sign for safe towing on highways

* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc.
* Ideal for feeding from bulk silo or Ag Bag
* Easy to tow behind pickup or tractor.

Priced At
24' — $695
30' — $825

BARTVILLE WELDING SHOP
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(at Bartville) 17509
Call Bob Miller
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LEROY ZIMMERMAN
Rd 2, Box 314
Ephrata, PA 17522
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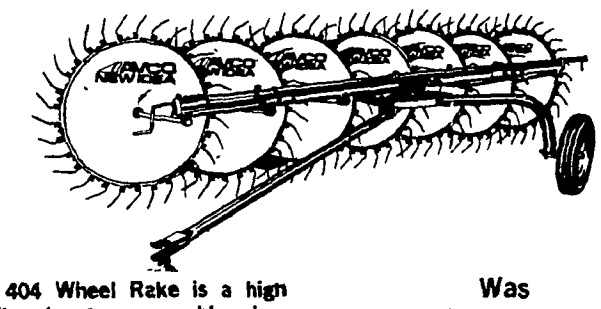
Summer Specials...

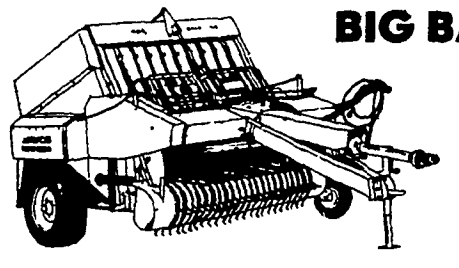
NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was ~~$1,150~~

TRUCKLOAD SPECIAL $1050



BIG BALER SPECIAL

BUY NOW AT DISCOUNT OR RENT FOR $5 PER BALE!

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

AVCO® NEW IDEA

SAVE $ $ CLOSE OUT SALE

Have recently sold the Farm Equipment Business.
Am liquidating the following equipment where is - as is.

HAY MACHINERY

1607 Ford 530 baler w/thrower	$800
1608 AC twine baler	$495
1653 JD 1209 Mower Conditioner	$2750
1621 Hesston 1014 Hydro Swing Mower Conditioner	$3700
1622 Hesston 320 Self Propelled Windrower	$1750
1618 NH 479 Haybine	$2250
1620 NH 479 Haybine	$1875

TILLAGE TOOLS

1668 McCormick 28 wheel carrier disk	$425
1617 Binkley Wilbeck. 14 ft. digger disk	$6400

HARVESTING

1635 Schultz 72 field chopper	$650
1633 NH 26 Super lift blower	$725
1634 NH 23 hopper blower	$395
1629 NH 880 harvester	$2350
1630 NH 717 harvester	$650
1628 JD 38 harvester	$1175
1631 JD 38 harvester	$925
1632 JD 38 harvester	$1150

MISCELLANEOUS

1614 JD 790 tank spreader	$1325
1651 GI grain dryer	$2990

CULTIVATORS

1648 JD RG 4 3 pt. 4 Row cultivator	$1325
1647 Ford 3 pt. 4 Row Cultivator	$525

Will Deliver At Nominal Cost
All Equipment On Display At Location

PLASTERER EQUIPMENT CO., INC.

Rt. 422 East and Prescott Road
Lebanon, PA 17042 Phone 717-273-2616
Hrs. Mon. thru Fri. 7:30 - 5 PM, Sat. 8-12 AM

AVCO NEW IDEA ★

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
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C.J. WONSIDLER BROS.

ALLIS-CHALMERS AGRICULTURAL EQUIPMENT

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd.,
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Mon.-Fri. 7:30 A.M. - 9:00 P.M.
Sat. 7:30 A.M. - 4:00 P.M.

SPERRY NEW HOLLAND ★

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

COMBINES

JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Super w/cab , 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
NH 975 w/11' grain & 238 corn heads
MF 300 w/11' grain & 238 corn heads
IH 315 w/cab, grain & corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-row Corn head & 761 Pick up Head
Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner MKS w/13' grain & 630 corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain Head
Gleaner E w/cab & both heads

HAYBINES

(2) NH 469
(2) NH 479
Hesston 110 Self Propelled
NH 461
AC 904

TRACTORS

JD 4020 D
JD 4010 D w/PS
JD 4010 D
JD 3020 G w/PS
JD 2010 D
JD 60
JD 50 w/3 pt.
JD A Cyclone
JD B
JD MT
IH 986 w/cab, air, only 1400 hrs., EXCELLENT!
IH 560 D
IH 460 D
Farmall 400
Ford 3600 G w/1400 hrs.
Ford 901
MF 1105 D w/cab
MF 50 D
MF 30 w/loader
Oliver 550
Case 630 w/loader
Case 300
MM G1000 D
AC 7050 PS, w/cab
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 190XT D w/cab
AC 185 D
AC WD45
AC WD
AC HD3 Crawler w/dozer blade

BALERS

NH 68 w/53A Thrower
NH 271
MF 10 w/Thrower
IH 56 w/Thrower
(2) IH 440 w/Thrower

CORN PLANTERS

AC 600 No-Til Air Champ Planter, 4-row w/liquid fertilizer
AC 600 No-Til Planter, 4-row
AC 500 4-row Planter
(2) JD 494A Planter, 4-row
IH 56 Planter, 4-row
(2) AC 2-row, 3 pt. Planter

MANURE SPREADERS & MISC.

NH 676, 285 BU.
NH 516
NH 475
NH 175 BU.
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 175 BU.
Badger 205, 200 BU.
(2) Weaverline 223 Electric Feed Cart, 24 BU.
(2) Weaverline 330 Electric Feed Cart, 30 BU.–LIKE NEW!

FOURTH OF JULY SALE on NEW FORAGE EQUIPMENT
WE'RE BLASTING THE PRICES.

Give us a call and catch our fireworks of **SAVINGS!**

NH 1900 Diesel Self-Propelled Chopper w/cab, air, 4 wh. dr., w/NH 919 N4-row head & NH 919 10' pick up Head.
(2) NH #8 Chuck Wagon, 3 beater w/roof, 8-ton running gear & flotation tires.
NI Uni-System 802 Diesel w/cab, air, 4-wh. dr. w/767 Super Chopper, Model 768 3-row Corn head & Model 766 Pick up Head-6 ft.

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

Umberger's Of Fontana

RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613

Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00; Sat. - 7:30-4:00

New Idea Gehl Brillion | Hesston Bush Hog Glencoe | Wic Kilbros Gilson Toro | Trustworthy Hardware! The Problem Solvers

OUR DUTCH AUCTION IS BACK!

USED EQUIPMENT	STARTING PRICE	DAILY REDUC. (except Sunday)	PRICE 7/5/83
IH 37 Baler w/thrower	$1353 00	$4.00	$921.00
Gehl 87 Hopper Blower	$592 00	$2.00	$376.00
IH 56 Hopper Blower	$1194 00	$3 00	$870.00
IH 55 12 tooth Chisel, Pull	$2352 00	$4.00	$1920.00
Ford 2 row 3 pt. cultivator	$390 00	$1.00	$282.00
AC 4 row 3 pt cultivator	$932 00	$3.00	$608.00
NH 770 Harvester 2 row Narrow Head, Electric Controls Pickup Head	$6951 00	$5:00	$5411.00
NH 676 Tandem Axle 285 Bu Spreader w/tailgate	$3254 00	$5.00	$2714.00
Ford 142 4x16' Automatic Reset 3 pt Plow	$1976.00	$4.00	$1544.00
IH 449A 4 row Corn Planter	$694 00	$3.00	$370.00
Roteria 10 ft Power Harrow 3 pt	$1995 00	$3.00	$1110.00
129A Uni Sheller	$3750 00	$5.00	$2275.00
NEW EQUIPMENT			
Bush Hog Chisel Plow 8' 8 tooth 3 pt. 3 bar w/gauge wheels	$1992 00	$5.00	$1452.00
Bush Hog Chisel Plow 10' 10 tooth 3 pt. 3 bar w/gauge wheels	$2293 00	$6.00	$1645.00
New Ide SOLD row Corn Head	$2714 00	$25.00	$164.00

Used Equipment

NH 782 Harvester w/2RN C H and Hay Pickup Hd , nice cond
NH Sickle Bar Mower
Brillion 12'6' Field Cultivator w/Busterbar
IH 686 Tractor, 825 hrs. mint cond
Gehl CB 600 Harvester w/2 row head, new style
NI 717 Combine w/713S Head
NI 701 Uni w/cab
Elec Wheel 8 ton 5026 Running Gear
Brillion 10 shank 3 pt Chisel Plow w/Mid West Rake
Wic 3 pt Bale Chopper
AC A 12' Combine (Will Sacrifice)
JD 3 pt 2B Plow
NI 12 roll Husking Bed to fit mtd corn picker
NH #268 Baler w/thrower
JD Hay Flutter
JD #66 Blower
Kaston Unloading Wagon, new paint

Wanted- Used N I #737 Husking Bed and NI 844W Corn Head

New Equipment

Hesston 4600 Bee Line Baler
Hesston 1091 Windrowers
Tye 10' No Till Drill Available for Rent
NI #565 Bale Thrower
Gehl #4600 Skid Loader (Demo)
Kilbros #350 & 375 Gravity Bins
NI #245 Manure Spreaders
Little Giant #21 34 and 38 Elevators
Glenco 9 Shank Stretch Soil Saver
Schuld Bushnell 4 7 ton Feed Bin
801 Uni w/power assist, 818 Combine and 8135 13 Grain Platform

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SPECIAL PRICES ON THESE UNITS!

IH 1066	MF 255	CASE 450 CRAWLER
With Cab Tag 3980 $16,800	Low Hours Tag 3473 $10,000	With Loader Tag 3572 $ 7,500
IH 560G	**IH 460D**	**IH 1256**
Tag 3916 $ 3,500	$3,200	Tag 3585 $10,500

USED EQUIPMENT

Tractors
IH F1066D
IH F140
IH F400 Gas
IH F460
IH F706D
MF 165D w/Loader
Ford 860
Nuffield 4/25 w/loader
JD 1010 w/cult.
Oliver 66
Oliver Super 77D

Tillage
IH 450 Plow, 3F
IH 37 Disc Harrow
IH 370 Disc
IH 475 Disc, 17½ ft.
IH 122 Mtd. Disc Harrow
Lely Power Harrow
IH No. 45 Mtd. Vibra Shank
IH No. 45 Vibra Shank, Trailing 14½ ft.

Skid Loaders
Bobcat 500
Bobcat 743
IH 3200
Gehl 2600
Case 1740D

Pickers
Oliver 5 Picker
IH 234 Mtd.

Planters & Drills
IH 249, 2 Row
IH 56 Planter, 4 Row
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo 4 Row
JD 494 Planter
JD 15x7 Drill
Ontario 13x7 Drill
Tye No Till Drill

Lawn & Garden
Economy 1614 w/mower
Brinly Plows
Power King 42" Snow Blower
IH Cadet 60 Riding Mower
IH 125 Cadet w/Mower
Bolens 5 HP Rider
Snow Blowers
AC Model 810 w/Attachments
Wheel Horse 12 HP w/Mower
Case Riding Mower
MF 12 HP & Mower
MF 7 HP (2)
JD 110 w/Mower and Snow Thrower
Snapper Comet riding mower
Hahn 5 HP Tiller

Forage Equipment
IH 550 For. Harv.
IH 650 Forage Harvester
IH 56 Blower
JD 6 Harvester
JD 34 Harvester w/2 Heads
IH Hay Pickup 550/650
IH Direct Cut 350
Fox 546 Harvester
NH 717
IH 42 Blower
NH 23 Blower
Badger 1616 Forage Box

Hay Machines
IH Cub 222 Mower
IH 990 Mower Cond., 9'
JD 14T Baler
AC 303 Baler
Dearborn Rake

Combines & Cornheads
NI 725 Cornhead
IH 91
IH 127
IH 715 Combine
IH 227 Corn Head
IH 429 Corn Head
IH 743 Corn Head
MF 35 Combine

Plows
IH 531 3F 14"
IH 211 2F 16"
IH 311 3F 16"
IH 312 Plow
IH 411 4F
IH 450 3F Auto.
IH 540 4F 16"
IH 550 16"
IH 560 Plow
JD 3 pt. 3F Plow

Miscellaneous
Sauder 7 ft. Snow Blade
IH 1850 Loader
IH 2000 Loader
IH 2001 Loader
IH 175 Spreader
IH 540 Spreader
NI 214 Spreader
Simplicity 4211 w/Mower
Waldron Dozer Blade w/IH or JD Mountings
NH 346 Tank Spreader
NH 24' Elevator
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
Buck Saw
Hawk Bilt 187
Flail Mower, 5 Ft., 3 pt
Century 500 Gal Sprayer w/new pump

SB SB SB SB SB

SPECIAL OF THE MONTH
JD 450 Hydro Push Spreader w/ Upper Beater & Hydraulic Endgate

NEW TRACTORS

JD 650
JD 750 MFWD
JD 1050 MFWD
JD 1250 MFWD
JD 2350
JD 2950 SGB, MFWD
JD 4250 SGB, PS

NEW MACHINERY

JD 1250 Plow 3-16"
JD 1250 Plow 4-18"
JD 2600 Plow 5-18"
JD 950 12 ft. Roller Harrow
JD 7000 Cons. Planters 4 & 6 rows
JD 1209 Mower Conditioner
JD 1326 Mower Conditioner
JD 327 Baler w/30 Ejector
JD 714A Forage Wagon
JD 6500 Blower
JD 66 Blower
JD 445 Spreader
JD 450 Hydro-push Spreader
JD 670 Rake

USED MACHINERY

IH Model B414 Diesel Tractor w/Kelly Loader
Case 1537 Skidsteer Loader
IH 13x7 disc grain drill w/grass seed attachment
MF 260 Harvester w/2RN p-up
Hesston 1090 9' Haybine
IH 2 R Planter
IH 7' Cycle Bar Mower
12" Post Hole Digger
8' Servis Rear Blade

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Belleville, PA 17004
Ph. (717) 935-2335

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MF Massey Ferguson

SPERRY NEW HOLLAND

Tractors
MF 285, 8 spd.
AC WD

Tillage
Case 5B Semi-Mtd Plow
JD 4 x 16 Plow
JD 12' Tandem Disc
(2) Drag Harrows

Hay Equipment
AC 390 Mower cond.
Moline 3 pt. 7' Mower
Ferguson 3 pt. Mower
IH 37 Baler w/thrower
MF Model 3 Baler w/thrower
AC 303 Baler w/thrower
AC Hay Rake
NH 36 Crop Chopper

Miscellaneous
Lanco 6' Rotary Mower
MF 468 4R Planter
NH L-35 Skid Steer Loader
Gehl 2600 Skid Steer Loader
NI 214 Manure Spreader

NEW
NH 718 Forage Harvester
Heavy Duty PTO, Mechanical Controls
770 w/Pickup Head
$6,950

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

case GEHL HESSTON SAME

★ USED EQUIPMENT SPECIALS ★

USED TRACTORS
Case 885 w/loader
Case SOLD 0
Case 1070
Case 1030
JD 3010
MF 1085

USED SKID STEER
Gehl 2600
Gehl 3000
Gehl 4500 (1979)
Case 1740
Case 1830
Case 1845 Gas or Diesel
Case 1845 (1979) Exc. Cond.

USED WINDROWERS
Hesston 420
Case SOLD Self Propelled
(3) Case 555's
PT10
Owatos SOLD 30 Windrower
IH 225 Self Propelled

USED BLOWERS
IH 56
Fox Blower
(2) Gehl 99
Oliver (Kools)

WAGONS
(2) Grove Wagons w/Hyd. Drive, 16'
Grove Wagon, 2 Beater, 14'

USED HARVESTERS
Gehl 3 Row Narrow Cornhead
(2) Gehl CB600's
Gehl SOLD 00
Gehl CT300
Hesston 2000
Fox Super 1000
JD 3800

USED PLOWS
Ford 5-Bot. Semi Mtd. Plow
Case 308 3-Bot. Semi-Mtd. Plow (New)

USED BALERS
Hesston 5600 Round Baler
Gehl 1400 Round Baler
Gehl Bale Mover
Case 230 Conventional Baler w/kicker

UTILITY CRAWLERS
Case 750 Loader
JD 350 Track Loader

MISCELLANEOUS
Case 580 Backhoe
Sauder Loader For 8N
Cagle 500 Sprayer w/Monitor And Foam Marker
187 Hawk Bilt Spreader
5' Sidewinder Mower (New)

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- Farm & Construction equipment

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- New 2 hp. to 10 hp. Briggs Stratton at Special Prices
10 HP Briggs & Stratton Engine $350

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NEW PROVIDENCE, PA
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If you have a problem in tractors, all brands, concerning stiff hydraulic, differential, hydrostatic or wet brake system slipping, we can solve it on your farm.
Also very good on automatic transmission slipping or sticking reverse

Reasonable Rates
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Will travel any distance.

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JOHN DEERE *Nothing runs like a Deere*

SPECIALS OF THE WEEK
Used JD 6600 COMBINE
New NH 851 ROUND BALER with $1000 REBATE
New HAYBUSTER DRILL $5500

USED TRACTORS
JD 4430 4 Post, RG, QR
JD 4230 QR, RG
JD 3020D
JD 3010
JD 720D
Farmall A w/Hyd. Lift

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 7000 6RN Cons.
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless

USED COMBINES
JD 6600 Combine w/Grain Platform & 4RN Corn Head

USED HAY & FORAGE EQUIPMENT
Hesston Self Prop. 6450 Haybine
Hesston PT10 Mower-conditioner
Fox 220 Fg. Harv. w/2 heads
NH 3RN Corn Head
NH 1002 Bale Wagon
JD 336 Baler w/thrower
NH 271 & 269 Balers w/Throwers
JD 24T Baler
Hesston 1010 Swing Tongue
NH #33 Crop Chopper
NH 27 Blower

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor
15 KW Standby Generator
MF Grain Drill

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.

NEW TRACTORS
JD 2950 SG, MFWD
JD 4050 SG, PS
JD 300B Loader & Backhoe

NEW HAY & FORAGE EQUIPMENT
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvesters
JD 506 Gyamor Mower
JD 347 Baler
JD 327 Baler
NH 311 & 316 Balers
NH 851 Round Baler
NH 488, 489, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders

NEW PLANTERS
JD 7000 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Till Drill Also for Rent

NEW SKID STEER LOADERS
NH 445, 555

NEW SPREADERS
NH 519
Martin 2400 V Type & F1466 Scavengers
H&S 260 & 295 Spreaders

NEW DRILLS
JD 8200 18x7
JD 8250 14x7

NH Waiver of finance or 3%, 6% and 9% finance.
Check on John Deere waiver of finance on most items.

CLUGSTON IMPLEMENT, Inc.
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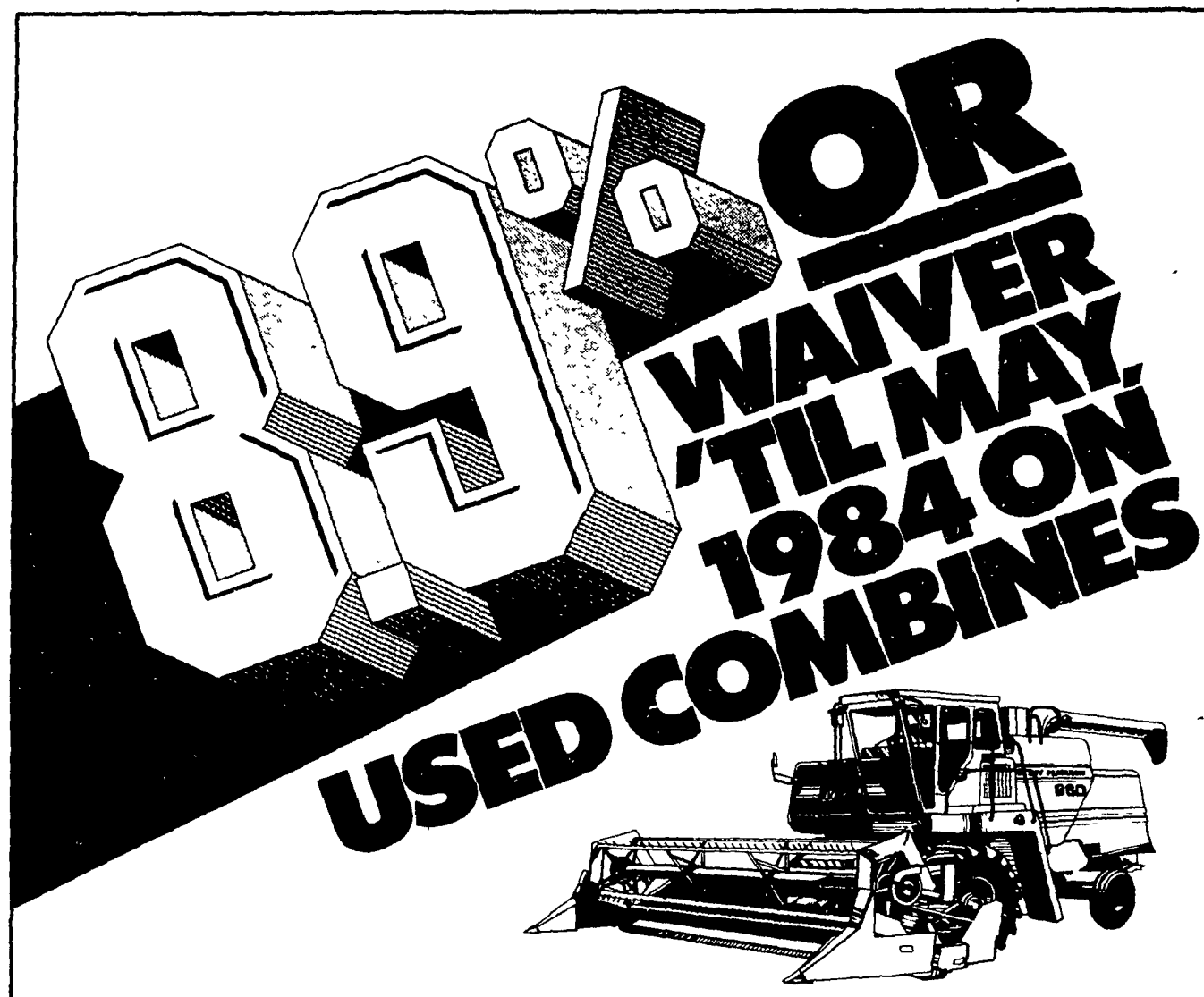
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND



- 8.9% APR financing from MF — PLUS $500 MF Purchase Certificate good on MF parts or subsequent MF equipment purchase
- OR waiver of finance charges 'til May of '84, plus the MF Purchase Certificate

Down payment and qualified credit required.

TAKE YOUR PICK!

1980 MF 760 V8 15 ft Grain & 1163 Corn Head	$62,000
1978 MF 760 V8 w/rear Wheel Drive & grain saver	$48,000
1976 MF 750 4 wheel drive, 6 row, 4 row corn head and 15 ft floating grain table	$39,000
1977 MF 750 Hydro with grain saver	$29,000
1977 MF 510 Hydro cab w/air condition	$19,000
1976 MF 750 gear	$26,000
1976 MF 750 hydro	$19,500
1976 MF 750 hydro with straw chopper	$29,000
1975 MF 510 gear air conditioned cab	$19,000
1975 MF 750 hydro	$22,000
1975 MF 750 gear with grain saver	$26,000
1975 MF 760 hydro	$26,000
1975 MF 760 hydro V8	$29,000
1975 MF 300 gas cab like new condition	$15,000
1974 MF 760 hydro	$25,000
1973 MF 760 hydro	$24,500
1973 MF 750 gas gear drive, excellent condition	$17,000
1972 MF 510 gear with cab	$12,500
1972 MF 510 gear with cab	$10,500
1972 MF 300 gas with cab	$10,500
1971 MF 410 gas with cab	$8,500
1971 MF 410 diesel with cab	$8,500
1972 MF 510 diesel with cab	$8,500
1971 MF 510 diesel with cab	$12,500
1972 MF 510 diesel with cab	$12,000
1972 MF 510 diesel with cab	$12,500
1969 MF 510 diesel with cab	$12,500
1968 MF 510 diesel with cab	$10,000
1968 MF 510 diesel with cab	$15,000
1968 MF 510 diesel with cab	$13,500
1967 MF 410 diesel less cab	$6,500
MF 300 gas	$3,500
IH 203 w/corn & grain head	$3,000
Gleaner "A" gas	$2,000
JD 45	$2,100

Above Combines include Grain Tables Less Corn Heads
Three 10 ft; four 13 ft.; six 14 ft.; eight 15 ft.; five 16 ft. Grain Heads nine 2 row 38"; fifteen 4 row 38"; six 4 row 30"; eleven 6 row 30"; two 8 row 30" Corn Heads

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Your Business Machines

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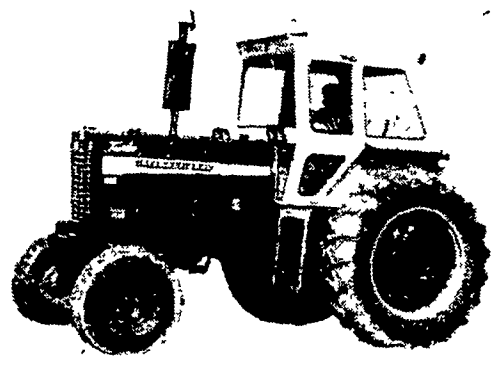

1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs.
1975 HD 4400 Diesel Cab, Air and AM-FM, Sharp, 925 Hrs.

JD 4430 factory cab & air, 38" rubber, quad range, good clean tractor
JD 4020 WF, year around cab, fully equipped
JD 4320 w/factory cab, 38" rubber fully equipped
JD 4010 Diesel, wide front
JD 4520, syncro. range, factory cab, quick hitch, diff. lock, dual hyd., (also has 4620 after cooler up date kit)
JD 730 Diesel, elec. start, wide front, 3 pt.
IH 1086 79 model cab & air, fully equipped, super sharp
IH 986 79 model, cab & air, diff. lock, sharp
IH 1456 w/cab, duals & weights, solid tractor
IH 1066 factory red cab and air, new TA and clutch.
IH SOLD
IH 706 Diesel, good tractor
IH 826 German Diesel, new TA
IH 504 gas, WF
IH M Farmall
AC 200 w/yr. round cab; dual PTO & hydraulics 18.4-38 rubber, 1700 hrs., sharp, local tractor
AC 5040, like new, 145 hrs.
MF 85 Diesel, good rubber, 3 pt.
NI 702 Diesel power unit, late model
MF 300 combine, quick tach w/2 heads.
IH 400 Cyclo-planter, 4 row narrow w/dry fertilizer and Gandy boxes, good cond., $1000.
Dunham Lehr 6 row cultivators
Bush Hog mounted chisel, 3 bar.
IH factory red cab w/air to fit 966, 1066, & 1466.
IH & JD cabs (used)

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New TW 20 w/cab, 4wd, air
New 7700 w/cab, air
New 6600
New 1700
New 4R No-Til Air Corn Planter w/fert. & insect.

NEW HOLLAND
New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L555 diesel, skid loaders
New 353, 358 Grinder-Mixers
Used 516 Sgl. Btr. Manure Spreader

NEW IDEA
New 299 9'3" mow-ditioner
NI 406 rake
NI 323 one row corn pickers
NI 213 & 244 Manure Spreaders
NI 3 pt. Hitch Fertz. Spreaders

New Glencoe 12'9" Finishing Harrow
Used JD 340 Disc Harrow

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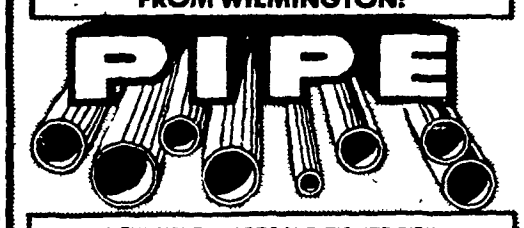

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Shermansdale, Pa. 17090
717-582-4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS.
WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

RINGTOWN FARM EQUIPMENT

HARD WORKING VALUES
Waiver of Finance - Low Rate Financing
Low Cash Deals

NEW EQUIPMENT

5088, demo
3288, demo
784 RC w/TA
244 FWD
1420 combine, demo
370 disc
800 Early Risers
720 auto. reset 5 btm.
2250 loader
#50 Shredder

USED EQUIPMENT

Gehl 4500 skid loader
Farmall BN w/cultivators
2 Super C's
Super AV
Haines bulk bodies
Mayrath auger 6"x27'
1500 Schwartz loader
800 workmaster loader
706 Diesel
JD 2 row potato digger
Ontario grain drill
Vicon disc mower conditioner
843 Corn head, 30"
NH S69 baler
IH #37 baler w/thrower
IH forage blower
Rototiller, 3 pt.

RINGTOWN FARM EQUIPMENT
RD 1, Ringtown, PA
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Since 1949

1979 CASE 2090 TRACTOR
w/cab, a.c., 3 speed power shift, less than 1000 hrs.

1980 SATOH BEAVER
w/3 pt. hitch grooming mower

1970 GAS TRACTOR
power shift, low hrs.

1965 4520
Good cond., low hrs.

975 NH COMBINE
w/corn head and grain head

Used Planters
JD 1240, 6 Row
JD 494 A, 4 Row

MILLERS EQUIPMENT
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Fairmount City, PA
16224
814-764-5159

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 — 215-965-5203

Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS
JD 4320 Diesel w/cab, very nice
JD 4020 Dsl. WF, SOLD, side console, synchro range
JD 3020 Gas, Power Shift, WF
JD 2840 540 hrs., Very Nice
JD 2640 D SOLD ully Equipped
JD 730 Gas
IH 1086D Cab and Air, 1500 hrs., 20x38 Tires, Very Nice
IH 1566 Dsl. Cab & Air, 20x38 Tires, very nice
IH 1466 Dsl. w/Cab and Air
IH 1066 Dsl., Cab, Air, Black Stripe, Very Nice
IH 1066 Dsl. Red Cab and Air
IH 826 Dsl. w/cab
MF Super 90 WFE

HARVEST SPECIAL
IH 203 Combine
11' Platform, Ex. Cond.

CORN HEADS
MF 24, 33, 43, 44
AC KF330, A330, F335
JD 243, 244, 343, 443, 444, 643
IHC 843, 227

HARVESTERS
JD 3800 w/2RN Head
Gehl 1000 w/2RN Head & Pickup w/Electric Controls
NH 770 w/2R Head & Wide Pickup

BALE WIRE
(6500)
$36.50 per carton
$35.00 18 cartons or more

BALER TWINE
9,000 Ft.
$21.00 per bale

GRINDER-MIXERS
JD 700 540 PTO very good
NH 357 w/long unloading auger

DISCS
JD BWF 16' wing Rock-Flex
JD BWA 11'6"

CORN PICKERS
JD 300 Husker, 2 or 3 row head, wide or narrow
NI 325 2 row narrow w/super sheller
NI 323 1 row
NI 324 2 RW w/super sheller, very nice
NI sheller attch. for 2R Mtd., Like New
NH 319 2R Mtd. w/husking bed

BALERS
JD 336 Wire w/thrower
NH 851 Round Baler w/auto rap, like new

PLOWS -AUTOMATIC
IH 720 5x18 sp. reset
IH 720 4x18 sp. reset
IH 710 6x16 Spr. Reset
IH 710 5x16 Spr. Reset
IH 710 4x16 Spr. Reset
JD 2500 5x18 on Land Hitch
JD 2500 5x18 Sp. Reset

COMBINES
1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
1979 Gleaner KII w/Cab, 900 hrs., like new
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1978 JD 4400 Dsl., Cab and Air, choice of heads
1976 JD 6600 Dsl. w/cab, air, low hrs. Choice of heads
1973 JD 4400 Gas, Cab and Air, Choice of heads
1978 IH 715 w/German Diesel, cab, very nice
JD 3300 Gas w/cab, choice of heads, very nice
MF 510 Dsl. w/cab, Very Good, Choice of Heads
1978 MF 510D cab & air, very nice, choice of heads
MF 410 Gas, Cab and Air, 11' grain table
JD 45 w/cab 10' platform and pickup reel
IH 80 & 82 Pull Type Combines

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

MISCELLANEOUS EQUIPMENT
JD 1209 Mower Cond., very nice, late model
Ford 6' Flail Mower
IH 4R Cultivator, Rear Mtd.
(2)(1) JD RM 6 Row Cultivators
Brillion 10' Transport Alfalfa Seeder w/Double Seed Box
Glenco 7 tooth soil saver
JD 213 Flex Platform
JD RG 4R cultivator w/double spring teeth
Bush Hog 8' Heavy Duty 3 pt. Blade
JD Roll Guard Cab to fit 3010 thru 4320
4 Row Stalk Shredder

FARM EQUIPMENT

Better Bilt tank spreader w/injectors
Fox 2200 harvester, 2 row narrow head
JD 18 disc grain drill
14' Brillion field harrow transport
New Caldwell 8' blades, special discount
John Deere #65 blower
McCurdy and Farmer Boy gravity bins in stock
3 pt. JD sickle bar mower
New 18' steel rack hay wagons
New Pequea hay tedders
New Zimmerman running gears & elevators
6' JD rotary hoe
2 row JD corn planter
MF sickle bar mower
Hawk Bilt 207 manure spreader
Grimm hay tedder
336 JD baler

Sales and Service on Farm Tires

DJ Implements
Located in Reistville midway between Myerstown and Schaefferstown along Rt. 501
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FARM EQUIPMENT

VAN DALE

- **Van Dale Products**
  - All New Magna-Trac Ring Drive
  - Silo Unloaders 10' - 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal. to 4500 Gal.
  - Soil Injectors
- **Liquid Manure Pumps**
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- **Uebler Electric Forage & Grain Carts**
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- **Hedlund Vaughan Chopper Pumps**
- **Farmaster TMR Tumble Blenders**

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NEW AGRA POWER (Fiat 4000) 48 H.P. TRACTOR
With All The Specs. of A Larger Tractor At The Price of A Compact Lawn & Garden Tractor...
Reduced To ..... **$5995** one only

NEW JD 4 & 6 ROW CORN PLANTERS W/LIQ. FERTILIZER AT OLD PRICES!

HANDYMEN! Set Up These Planters Yourself And Save With Our Knock-Down Prices!

END OF MODEL SPECIALS ON 40-SERIES TRACTORS
- JD 2440, Hi-Lo, wts, w/16.9x30-
- JD 2640, Hi-Lo, wts, w/18.4x30-
- JD 4240, Fenders, Quad, wts, 18.4x38-

COMPANY REBATES UP TO $2100 & WAIVER!

Lowest Prices...Come With The "Green Stuff!"

SERIES "50" TRACTORS
JD 4050, Cab, PS
JD 2150
JD 2150, 4 Wh. Dr.
JD 2350
JD 2950, 4 Wh. Dr.
Series 50 Rebates - $1150 to $1900!

USED TRACTORS:
JD A Wide Front Fenders
JD 50 w/PS
MF 165 Diesel, Wide Front
JD 950 w/PS, 341 Hrs. - $6,995
JD 4430 w/Cab, Air, PS, Wts., etc.
JD 4520 w/Cab
JD 2020 Gas w/wts.

HAYBINES:
New NH 489 Haybine At Old Price

NEW COMBINES AT IN-SEASON SAVINGS!
JD 6620 SIDEHILL $62,514
Cornhead and Platform Available

USED BALERS
(2) NH 283 Twine, (16x18 Bales) less Throw-Good cond. $3,500 ea.
NH 275 w/Thrower, Cheap!
NH 271 w/Thrower, Cheap!

Ready To Go To Work!

GRINDER MIXER:
NH 353 Mixer-Low Price!

NEW EQUIPMENT
NH 38 Crop Chopper - $4,500

USED EQUIPMENT:
Case 650 8' S.P. Windrower, Wisc. Eng., Nice Cond.
JD No. 21 Hay Cond. - $275
JD 215 15' Rigid Grain Table, Used 1 Season - $6,500
JD 205 2-Row Corn Head - $650
2 Woods #80 3 Pt. Rotary Cutters

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Full Line of NH MANURE SPREADERS IN STOCK!

NEW TYE DRILL FOR SALE OR RENT
NEW BRILLION 3 PT. 5'4" LANDSCAPE SEEDER $1,200

Special Price On New JD 300B Industrial Wheel Tractor w/Loader!
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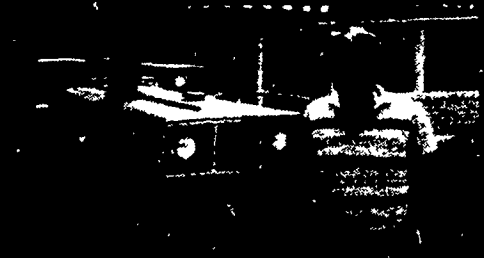

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CARL SULTZBAUGH,

HAS OUTSTANDING MOWER CONDITIONER.
HAS OUTSTANDING PRICE.
WILL DEMONSTRATE.

1190 Mower Conditioner, 9' cut, flotation tires, stone shoe
$6,250

C & W Bargain Corral Hay & Forage Machines

881 harvester w/2 row corn head & pickup head	$16,650
2400 Bigroll round baler	9,550
56 blower	2,550
1300 balanced head 3 pt. sickle bar mower	2,150

C & W Bargain Corral New Tractors

884 diesel row crop, 18.4x38 rear tires, 73 HP	19,990
584 diesel row crop, 16.9x30 rear tires, 52 HP	13,700
784 diesel low profile, orchard special, 67 HP	17,100

C & W Bargain Corral Tillage Tools

475 disc harrow, 11'6" cut, 20" heavy duty disc	$4,150
720 5-18 auto. reset plow	7,275
730 four furrow, adjustable width trip beam plow	5,250
730 four furrow, adjustable width, auto. reset plow	6,375
450 3-16 auto. reset plow	3,375
4500 16' vibra shank field cultivator	2,760

WANTED: DEAD OR ALIVE - 4 WHEEL DRIVE TRACTOR BUYER
IH 784 D, 67 HP, 4 wheel drive, T.A., dual PTO's, demonstrator
$19,900

LOCAL GROWN USED TRACTORS & EQUIPMENT

1066, cab, 1 owner, excellent	$16,500
240 Farmall, new paint, good rubber	$2,500
560 diesel, late model, wide front	5,000
Massey 255 diesel w Dunham quick tach loader, used 1150 hrs	13,000
JD 2030 D w loader 75 model	9,850
IH 886 cab & air	18,750
JD 2010 row crop	
1066 Black stripe, cab exc cond	17,500
3200 skid steer loader	
JD 430 wide front	2,500
Farmall 686 D one owner 1609 hrs	13,500
IH 37 baler w thrower	1,650
IH 47 baler w thrower	1,850
IH 430 baler w thrower	2,750
IH 37 baler	1,300
Papec blower	$650
IH 56 blower	1,800
IH 830 harvester w 2 R corn head	6,500
NH 880 harvester	3,700
D R Ellis 2 row transplanter	
Gleaner M 1974 model combine, diesel engine, cab, 13' platform with pickup reel & 4 row corn head, one owner	
IH 400 four row planter, no-till	2,850
IH #56 four row double disc planter	1,850
IH 400 6 row planter, no-till	3,750
Athens model 131 13' HD disk harrow equipped with Buster Bar and 4" cylinder	5,650
JD 4-16 3 pt hitch plow	
IH 700 5-16 auto reset plow	2,950
IH 2000 loader	1,350
IH #16 rake, one owner	1,350
IH #35 rake, 3 years old	1,875
IH 990 9' mower conditioner	
JD 3-16 trip beam trailer plow exc	
Used lawn & garden tractors	900 and up

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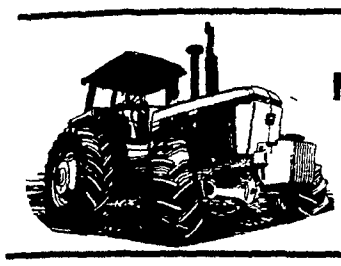
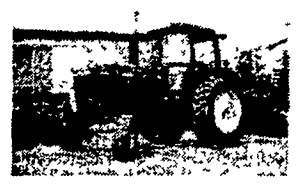


NEW JOHN DEERE 50 SERIES TRACTOR
4250 w/Caster/Action™, MF WD
P. Shift, Trans., Demo., Low Hours
CALL FOR SPECIAL PRICE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE
NEW EQUIPMENT SPECIALS



JOHN DEERE 4240 TRACTOR
Cab, Air, Duals,
Good Condition
$24,900

1981 DEUTZ 6807A TRACTOR
Cab, MF WD, AM/FM
Priced at **$16,900**

SATOH S550G TRACTOR
w/60" Mower
Good Condition
$3,695

MASSEY FERGUSON 750 COMBINE
w/12' Platform
Excellent **$39,900**
1163 6R CORN HEAD
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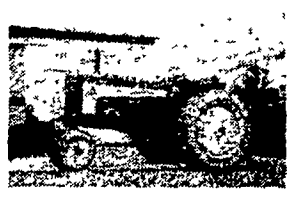
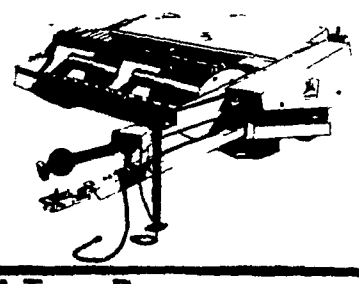


JOHN DEERE 730 DIESEL TRACTOR
Rollmatic
Good **$3,850**

JOHN DEERE 640 RAKE
Completely Rebuilt
Priced at **$1,650**

SPRING BONUS SPECIALS

Now: waiver of finance charges to April 1, 1984 on most new John Deere hay or forage tools...



Plus Pick-A-Team Bonuses

Now you can replace any worn-out or fully depreciated hay or forage tool with a high-performance John Deere tool - and do it without a big cash outlay. Get our super deal on whatever tool you need - (except rakes, mowers, or 27 Shredder). Then finance it with John Deere and finance charges will be waived to April 1, 1984.* You'll put up your 1983 crop with more efficiency...you'll get investment credit and depreciation against 1983 income...yet you'll pay no finance charge until April, 1984!

On top of that, if the tool you buy is included in the list below you'll qualify for the 1983 John Deere Money bonus indicated. And get a certificate qualifying you for the Pick-A-Team Double Bonus when you make your second machine purchase from the list by April 30, 1984. (To qualify, one purchase must be a John Deere mower/conditioner.) Don't delay: these offers can be withdrawn at any time.

First Machine Purchase of a	Qualifies for 1983 John Deere Money Bonus of	Second Machine Purchase by April 30 1984	Qualifies for Total Pick-A Team Bonus of
Mower/Conditioner	$400	Square or Round Baler	$1,400
Mower/Conditioner	$400	3940/3960 Forage Harvester	$1,600
Square or Round Baler 3940/3960	$300	Mower/Conditioner	$1,400
Forage Harvester	$400	Mower/Conditioner	$1,600

*Availability of John Deere financing plans subject to approval of credit. These offers may be reduced in value or withdrawn at any time.

OUR SELECTION OF NEW MACHINES IN STOCK

FORAGE HARVESTERS

5820 SP	3940 PT
5720 SP	3960 PT

USED HAY & FORAGE TOOLS

- JD 125 Forage Wagon, hi sides, 3rd btr, JD 1065 gear
- NH #8 Forage Wagon, hi sides, roof, 3rd btr, JD 1275 gear
- NH 268 Baler w/ejector
- JD 5400 S-P Forage Harvester, cab w/air/htr.
- JD 3800 Forage Harvester, 1000 pto, long tongue
- JD 35 Forage Harvester
- JD 12-14 Hydra Swing Mower Conditioner
- JD 1209 Mower Conditioner
- Hesston PT10 Mower Conditioner
- JD 8' mower bar attach.
- JD #10 side mtd. mower, 3010 h-up.
- JD 640 hay rake
- NI Uni 766 Hay Pick Up Att.
- NI Uni 767 Forage Harvester - Parts Salvage
- Massey Harris 82 SP Combine, w/12' Cut, Special Price $1500

Now - Finance to Jan. 1, 1984
All New New Idea Spreaders
Interest Free - N.I.C.C.
Call For Details

NI 206 SPREADERS
NEW IDEA 95 BU.
GROUND DRIVEN
SPREADERS

OVERSTOCKED! MUST REDUCE INVENTORY! PRICES AT COST!

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.

SAVE NOW ON THE USED TRACTOR OF YOUR CHOICE

GET A GREAT DEAL ON THE POWER SIZE YOU NEED PLUS A SPECIAL FINANCE WAIVER

Need some extra horsepower to get you through the busy season? If you buy a used tractor now, you'll save two ways. Besides great deals, we're offering a special finance waiver on most of our used tractors. See us for details.

We have a good selection to choose from, so come in and take a look.

Note: *Dealer contribution may affect customer price*

OUR SELECTION OF USED TRACTORS

- JD 4240 SGB, Q/R, Dual Wheels
- JD 2940 Dsl, TSS Hi-Lo Trans.
- JD 2040 Dsl, P/A Whls, low hrs.
- JD 2630 Dsl, Row crop util.
- JD 4620 Dsl, P/S, Cab.
- JD 2510 Dsl
- JD 2010 Gas, Row crop
- JD "A"
- JD "B"
- WHITE 2-135 Cab, low hrs.
- MF 1085 Dsl
- MF 65 Dsl, row crop
- MF 65 Dsl, Util. w/Farm Hand ldr.
- MF 135 Gas, P/S, 3-pt, Hi-Lo, w/ldr.
- FORD 3000 Gas
- IHC Farmall A w/sickle bar mower
- SATOH S550 Gas Tractor & Mower
- DEUTZ 6807A Dsl., Cab, MF WD, AM-FM, tape

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FARM EQUIPMENT

FARM EQUIPMENT

Eckroth Bros. Farm Equipment

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USED EQUIPMENT

Leyland 270 Diesel
Leyland 384 Diesel
IH 715 diesel hydro combine, 900 hours
IH 700 4 bottom plow
IH 1066 tractor w/cab
AC 5050 w/700 hrs.
Ontario grain drill
JD 950 w/67 hrs.
Pequea tedder PTO
Woods C114 SOLD y mower
#56 Blower, nice

IT'S HAYING TIME

New 16' wooden bale tacks - new, 18' steel bale racks, used Hesston Mower Conditioners. - PT 7, PT 10, 1090, NH 488, 477, 489 Haybines, NI Cutditioners 7' and 9', AC B w/5' Side Mower, NH 451 Sickle Bar Mower, plus 40 or more used sickle bar mowers, 3 pt., fast hitch, mounted, semi-mounted & trailer, IHC 420 Baler, IHC 420 Baler, NH 269 w/thrower, NH 310 baler w/thrower, NH 276 Baler Like New, Hesston 5800 Round Baler, Hesston 4500 square baler w/thrower, NH 1010 Stack Wagon, Fahr Hay Tedders, Grimm Hay Tedders, New & Used bale elevators, Farmec, NH, new Little Giant & Zimmerman hay & grain elevators. Side rakes NI, JD 660 w/Dolly wheel, NH 258, 259, NH, NH 701, 707, 717, 770 Forage Choppers, Gehl 300 chopper w/2 heads, Hesston 7020, 2000-150 choppers, Various Pick Up Heads, Gehl 72 Flail Chopper, used pick-up heads for NH 717, 718, 880, 890, JD 34, 35, 38, AC 780, Kasten 3 beater forage wagon w/roof like new, Grove Forage wagon, Gehl 3 btr. wagon w/roof, used Grove Lamco, AC and Dion 2 btr. chuck wagons, used forage blowers, AC, NH, NI, Kools.

USED TRACTORS

AC 7030 w/cab, 7000 w/cab, 190XT w/cab, 200, 180D, 175D, D17 Gas & Diesel, D15, B, WD 45, D15 Series II, 3 pt. w/loader, D19, JD 4320, 4020 Diesel, Power Shift w/cab, 2630 w/loader, 620 & 60 both w/power steering, 420, A, B w/cults., IHC 806, 656, 544, 504, Super MTA, 364 Diesel, M, H, 230, Super C, A, 140, 154 w/mower, Cubs, Cub Cadets, MF 265, 165, 135, 65, 30, Ford 800, 600, 8N, 4000 w/loader, 2000 w/loader, Jubilee.

LAWN & GARDEN

3 pt. - 1 btm. plows, IHC cultivators for Cubs-Super C's, Holland Vegetable Transplanter 2 row 3 pt., New Transplanter 3 pt. 1 row w/water tank, Model 90 Plastic Mulch layer, AC riders - B1 and Big 10 w/mower, 916 Hyrdro w/mowers, New Kubota riding diesel mowers, Roseman 3 gang mower, New and Used Mott Hammer Knife mowers, plus many NEW mowers Woods, Bush Hog, Kubota - and other equipment for the Home or Commercial Grower

INDUSTRIAL & TRACTOR LOADERS

Tractor Loader Backhoes - JD 500C, JD 350, Case 580, (2) AC 655 Crawler Loaders - one w/winch, Trojan 204 A Loader w/cab rear steering, JD 440 A Gear & Power shift Log Skidders, Great Bend 666 Manure Loader, Case 530 Loader, JD 401 A Loader w/cab & 3 pt. Hitch, IHC 3444 Loader w/3 pt., IHC 2050 w/loader, Royer top soil processor.

SKIDSTEER LOADERS

Bobcat 600 Gas, 611 Diesel, Gehl HL4400.

MISCELLANEOUS

FORD Power Unit PTA 510, Heavy Duty, John Beam 2 row potato harvester, JD 2 row potato digger, model 25, MGS Tandem Trailer, NEW Car Mate Car Trailers, Lamco Utility Trailers, used fields sprayers & NI 1 and 2 row corn pickers, plus wide selection of other Farm Equipment.

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5 Miles East of Honesdale, Pa.
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TRACTORS AND EQUIP. JUST PURCHASED FROM 5 FARMS Farmall 1566 C.A. w/20:8x38 factory duals is in field working for sale field ready, Case 1370 C.A. PS - factory duals and full wts., field ready. JD 4010 D.W.F. Dual Hydraulic, AC, 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new, JD 4430 C.A. Q.R. Used JD 4640 C.A., P.S. w/duals. JD 5020 nice original w/dual wheels. Farmall 966 original for 9800. Farmall 504 original w/P.S. and 3 pt. Int. 674 w/loader. Oliver 880 W.F. fully equip. Farmall 1468 w/cab, JD 4020 D.W.F., P.S. Dual Hydraulic White 4-150-4 Wheel drive, fully equip. for $12,500.00. JD 4010 gas, 4020, 2630 w/146 loader, JD 2840, Farmall 1086, 1066 w/cab & air $12,800. 766 original Int. 444 utility gas, w/P.S. for $3850. Farmall 1066 for $9950. Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice, Farmall 656 gas. 706 gas, Case D.B., 990

Hay eq. just traded, used NH 320 baler NH (SOLD) 68 w/motor, Rakes new NH 256 used NH (SOLD) 256 & 56 (SOLD).

New Holland 1034 Auto - Bale Wagon used 3 yrs. NH 1010 auto bale wagon 76 bale cap. used J.D. 3960 Harvester.

18 ft. hay bale wagon on 8 ton running gear.

(TRACTORS AND EQUIPMENT) Just Bought. New John Deere 4440 CA PS used 2940 w/R.G. like new, 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. New Ford 7600 w/front whl. drive, JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 886 w/cab, like new; 1206 extra nice, 756D W.F. original, Int. 674 Utility D. Case 770 D (SOLD) w/loader, N.H. 363 tank spreader 1 yr. old. CHISEL PLOWS- new Ford 13-15-17 ft. 3 pt. w/gauge whls. HAYBINES- (new) Int. 1190 List $8900. Our Price $6450. only 1 left. New Gehl 1090 for $4850. New NI 272 cut/ditioner- $3450; Used NI 272; (SOLD) Used NH 489-$4000; Used NH 489-$3875; Used NH 477 used 85 acres, like new N.H., 479, (SOLD) 469. Used JD 1209-$2475; Used JD 1209-$1850; (SOLD) Used Int. 990-$1500 (SOLD).

New & used Fahr & Grim 4 star hay tedders, Nicholson (SOLD) & JD hay tedders (SOLD).

(Just Traded) 2 N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, NI 702 uni w/710 combine (SOLD) and 13 ft., both real nice and field ready.

New AC 7010 w/20 sp. trans., Farmall 686D, MF 1805 4 whl. drive fully eq. for $17,500. White 4-180 4-whl. drive, fully eq. $16,500. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. Used Case 2090, MF 1135 w/cab, Ford 3000D. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D, comp. rebuilt. Balers (new), NH 315 w/#75 thrower for $9300. NH 280 w/hydraulic tension and thrower field working. JD 346 twine with thrower; (SOLD)124 Baler $1875; (SOLD)New Idea #456 round baler, (new), NI 404 wheel rakes $985.

Used NI 279 (SOLD)cutditioners. Fahr rotary 7 ft. haybine. Used 14 ft. packer, used field cult. 3 used chisel plows. JD 340 12 ft. offset disc, JD 40 sq. back combine w/10 ft. grain.

JD 6600D combine w/flex grain and C.H., AC 90 pull combine, Glenco SS9 Soil Saver, JD 210 14 ft. Disc, JD B 16DD w/grass seed drill, Glenco SS13 Hydl. fold Soil Saver, Hesston #30 Stakhand.

JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, 886 w/cab, 1066, Farmall M w/NI 319 mtd. picker. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. JD 7000 4 row planter. NH 276 Baler w/thrower, Forage Wagons.

NH #8 Tandem Axle, JD 216 - tandem axle. Lamco Forage Wagon- 18 ft. Hay wagons w/8 ton running gears. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.

Just Purchased (new) 2 NI 323 cornpickers at old prices. (new) NI 272 cutditioner.

(Combines on our Lot.)

Used 1980 JD 8820 fully eq. w/843 corn head real nice. 1981 JD 6620 turbo Hydro, 200 hrs., like new. 1977 JD 4400 Dsl. CA real nice like new; JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new. New JD 4420 fully equipt. 443 C.H. New Holland TR 85 w/grain and 6 row C.H. like new. Int. 1460 axel flo fully eq. w/both heads IH 715 w/German motor used 400 hrs. like new. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510 hydra. w/grain and corn. MF 510D w/cab, Quick Tach grain for $6950. Case 960 w/cab and grain, real nice.

1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

Late model Int. 303 w/cab, 1972 Gleaner F w/grain & C.H. NI 702D w/cab $6200. NI 702 w/729 A sheller.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.

New John Deeres 4240 cab & air Q.R. for $29,900; New JD 4440 C.A. QR w/radial tires. Six real nice balers, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Built round baler.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H. NI 738 and 728 4 row 30"

(New Farmalls) 5088 fully eq., 3688 fully eq.

(Used Farmalls) 986 w/cab, 686 nice. 706 gas, 806 diesel w/cab original- Nice. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 6 JD 4020 side console diesels. JD 2440 w/R.G., JD 2640, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer, 1972 JD 4020D, WF. JDA w/P.S. & loader, Int. 674D w/loader. Farmall H, Ferguson 35 original.

TRACTORS AND EQUIP. New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, Farmall 706 w/310 German D w/cab, JD 8630 fully eq. w/duals; JD 2520D, MF 1135 w/R.G. and dual wheels, MF 1105 w/cab, real nice, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 4320, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

JD 4020 W.F. power shift, good tires ; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, 1 Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - Used N.I. 325 w/12 roll bed current moded. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, 324, #10.

J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4320 w/cab.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1650, 1450, JD 300, 210, 112, Farmall cub w/mowers.

Cub 154 Lo-Boy.

HARVESTERS. N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H.

Gehl 400 w/2 row snapper head W.N. and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800.

ALLIS CHALMERS AC 7060 cab & air, 185 w/R.G. (SOLD) w/600 hrs. AC 185 w/turbo. 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.

JOHN DEERE Used JD 4030, 5020 tractor puller.

JD 4010 LP Gas (nice) $3750.

FARMALLS: used 1086 w/cab, air, 1 owner-looks like new, 20x38 tires for $19,500, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. Farmall 400 gas w/P.S. F.H. real nice w/4 row cult.

New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.

Dealers net $23,700. Our special price $21,850.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON - 2805 24 spd. w/duals nice, 2 MF 1155 w/C.A. M.P., MF 1130 for $6250.

(Case) New 2090 Cab & Air, power shift. Case 1030D for $5700. Case 830 W.F. and 3 pt. Case D.B. 1200 for $3900. D.B. 995D, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1855 w/dual wheels, Ford 3000D, MM Vista 1000 w/cab and loader, MM S670 diesel.

JD 2510 gas.

N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellsers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads

IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new, JD 555 Loader. Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader.

AC 600-21 ft. forklift.

Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.

Ford 340 skid loader.

TRACTORS W/LOADERS - JD 4020 W.F. w/58L.

Mechanics Specials.

Case 1030 Needs Trans. work. Case 1410 motor. Farmall 706 gas needs trans work.

PLANTERS Used AC 8 row no til bean (SOLD) planter, JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for $6850.00, Int. 455 4 row planter w/insect. Int. #56 late model 4 row, (SOLD) nice; JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equipped. Used White 5400 4 row air, w/dry, Inst. no til and monitor for $2000. (used haybines), JD 1209 (SOLD), (SOLD) Int. 990 used N.H. (2) 489, 479, 469 (SOLD).

JD 444 corn heads from $2450 and up.

Cabs for JD and Int. Tractors.

Glenco 12 ft. 9" Soil Finisher like new.

JD B grain drill 14x7 w/grass seed $575, Farmall 560 w/Int. 234 mtd. picker, $3775.00.

Planters - Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor $2875. pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - NI 214 nice, NI 212 flail, NH 510, NI 14A, JD 54, NH 346 tank spreader, NH 27 & 28 Blowers, Kawannee 12 ft. roller harrow, good (SOLD).

Int. wheel wing harrow. H.N. 36 & 33 Flail choppers.

PLOWS - JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., White 5x auto reset, 2 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, Chisel Plows, JD 10 ft. pull type, Brillion 10, 12, 13 ft. 3 pt. Chisel Plows. Brady 10 ft. chisel plow Rockland rock picker. New Johnson loader.

Brillion 3 pt. 5 Shank Sub Soiler, NI and JD wheel rakes, 2 Used Gravity Bins on running gears.

Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.

Bargain corner Haybine MC 9E Rotary Scythe.

JD Disks- TW 12 ft. heavy disk; Int. #500 = 11 ft. heavy disk, White 252 - Dual wheel disk. JD 65 & 66 blower. Woods 4 row stalk shredder.

Used JD 400 15 ft. rotary hoes, Kawanee 22 ft. Wing Disk, Int. #510 24x7 DD grain drill- nice.

Int. 510 18x7 S.D. w/grass seed.

JD 8300 21x7 DD grain drill.

2 Ontario grain drills on steel wheels w/disc openers nice. NH 268 baler w/thrower, 2 Ford 3 x 3 pt. plows.

Loaders - Used JD 146, MF loader for 1105, New G.B. loader, M.F. loader for 590. 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

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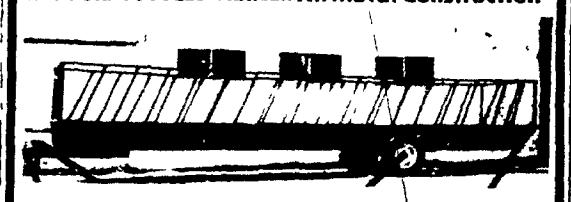

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IH 540 4-Bot. 14" Semi-Mtd. Plow
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IH 311 Fast Hitch Plow, 3 Bot.
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IH 105 Forage Wagon, Rebuilt
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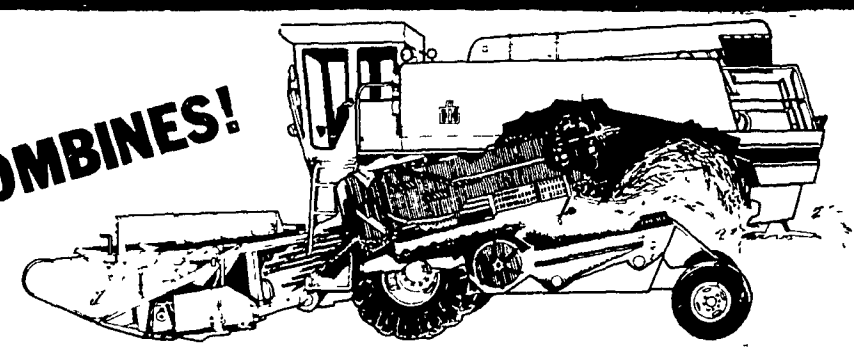

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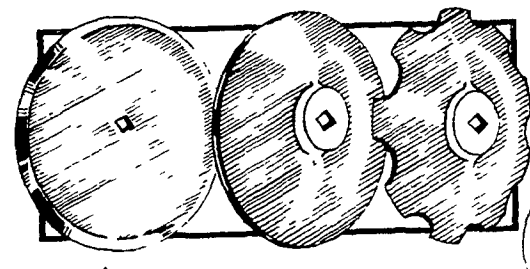

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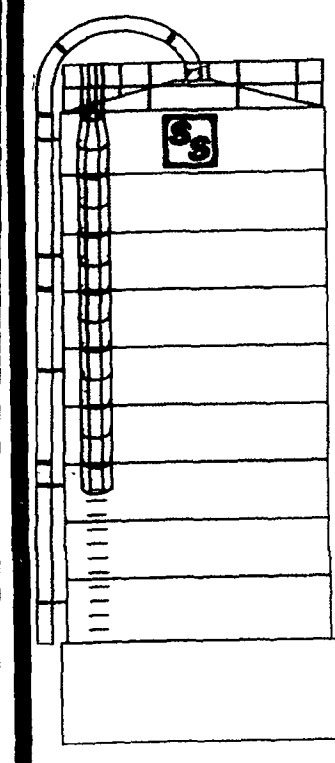

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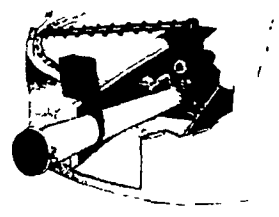

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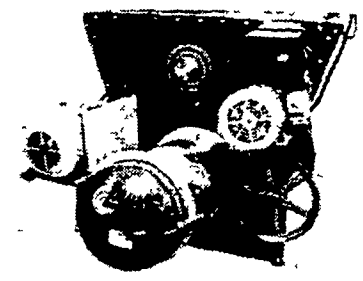

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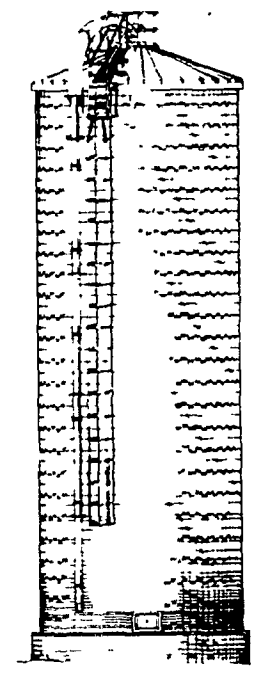

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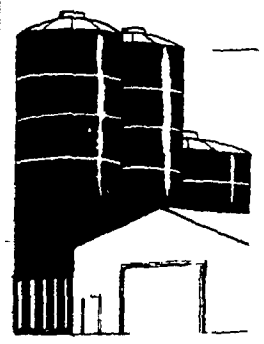

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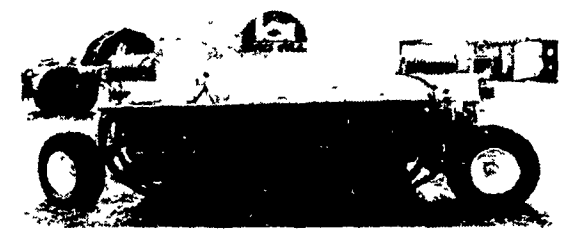

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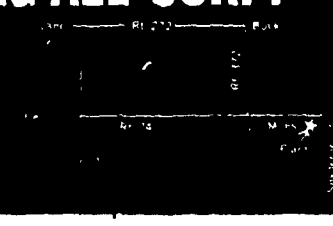

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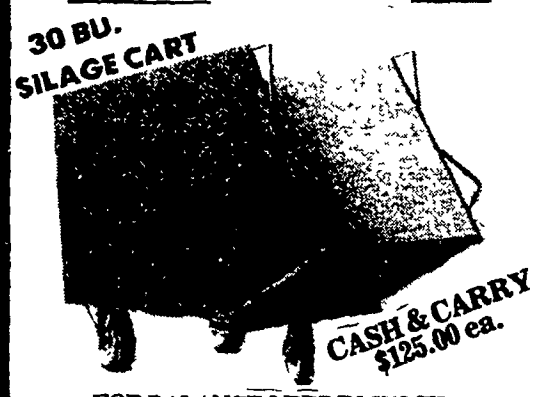

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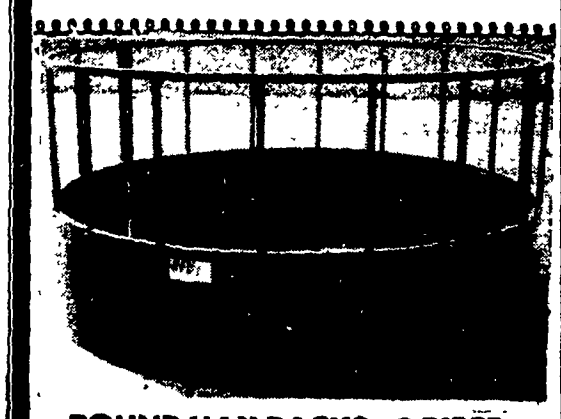

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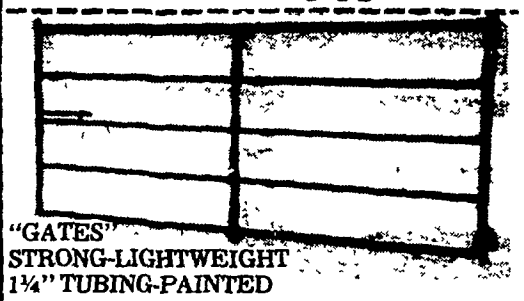

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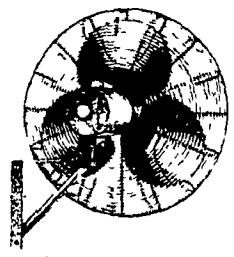

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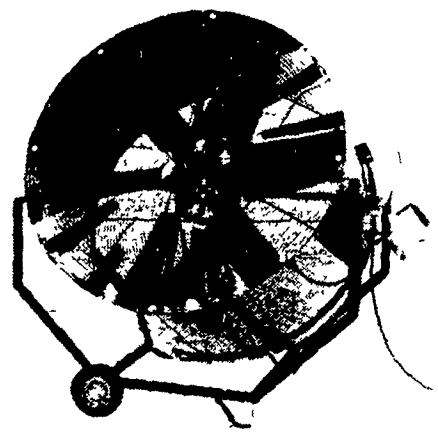

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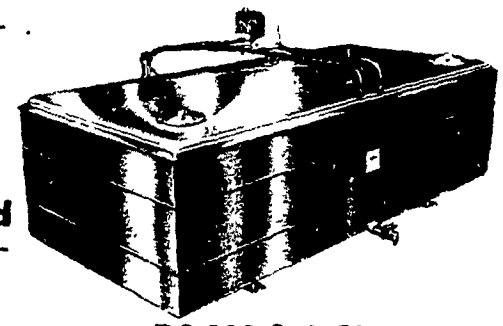

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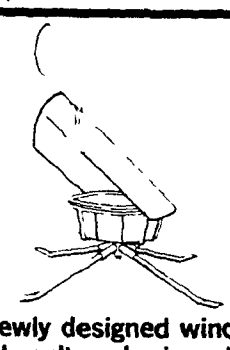

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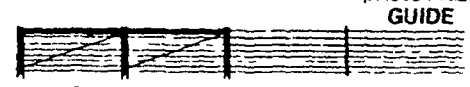

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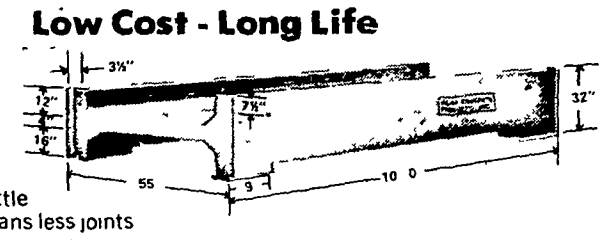
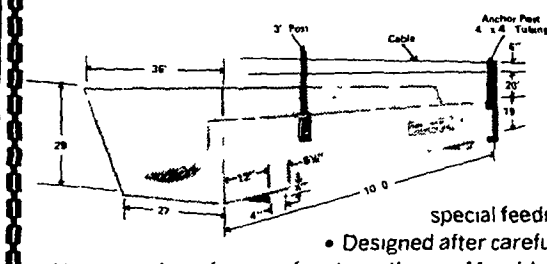
"H" and "J" TYPE FEED BUNKS
Low Cost - Long Life

"H" TYPE FEATURES:



- Large Capacity
- The right height for large and medium sized cattle
- Ten ft length means less joints
- Movable - for future expansion
- More than strong enough to support roof system
- Feed conveyor easily suspended from Feed Bunk roof, allowing clean sweep of trough
- No corners to retain spoiled feed



"J" TYPE FEATURES:
- Medium capacity for smaller herds
- Feed your cattle with your chuck wagon No special feeding equipment required
- Designed after careful study of feeding problems
- Heavy steel reinforcing - for strength
- Vibrated Concrete - for quality
- Movable - for future expansion
- No corners to retain spoiled feed
- Long sloping trough back helps save feed

* No discount on freight charges

Contact
Agri Concrete Products, Inc.
R.D. 2, Box 147 Middleburg, PA 17842
Plant (717) 837-3885 or 649-5321

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Baled Wood Shavings

Kiln dried, in easy to handle 3.5 cu. bales. Discount for large orders.

We deliver or you pick up

William Beam
Morgantown, PA
215-286-9579

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WOOD SHAVINGS
** KILN DRIED **

Don't be caught short this spring!
Call now for delivery of bagged, baled or bulk wood shavings & sawdust.
A quality bedding material at an economical price.

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FOR PASTURES, FEEDLOTS,
GRAIN FIELDS AND
EVEN ORCHARDS

The system features Max-Ten' 200 wire from U.S. Steel Corporation strung on posts pressure-treated by Koppers Company. Together they provide long spans, minimal hide damage, extended service life and low maintenance.

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Barn fan, Fogmaster model 16208 fogger like new, bull pen, livestock clippers 3 yrs. old, breeding record holder. 215-795-2595 Bucks Co.

CATTLE

2 Angus bulls for sale, yearlings, growthy, certified and accredited herd. 717-467-2746.

Registered and polled Herefords, cows, calves and heifers, 100 must go by September, 215-647-2432.

Limousin bulls for sale, polled yearling purebred and percentage available, Richard McDonald, Shippensburg 717-532-4298.

For Sale - Five Registered Holstein heifers. To freshen in July. Braunside Farms, Finksburg, Maryland. Phone 301-861-8273.

2 Registered Holstein cows, both due early fall, 1 bred to Jemini, other cow to Spirit, first $3000 takes both, 717-758-2136.

Holstein heifers, some Registered and some Grade, will freshen in July. 717-263-9091.

Jersey heifer by Black Magic due in Sept. to Favorite, Surville health records, real nice, 215-486-6346 or 215-383-6373.

D.H. Rumsey, Bath, NY - Always in the market for top dairy animals - I buy all kinds, but prefer first and second calf heifers. Buy, Sell, Trade, Lease!! Phone 607-776-3478.

Reg. Guernsey cattle (7), real good fresh cows, heifers by Admiral Top Dollar and others, very complete health records, several show prospects, all nicely bred, 215-486-6346 or 215-383-6373.

For Sale - 27 Holstein cows, TB and bangs tested, 717-734-3553, Juniata Co.

For Sale - Herd of 40 Holsteins, some Registered, good udders, young herd on DHIA test, Warren Co., NJ 201-459-4568 after 6.30 PM.

Registered Ayrshire bull and 2 Holstein heifers, due July, mornings, nights 201-782-6176.

For Sale - 70 quality springing heifers, write or call H. Showalter, RT. 2 Box 1, Harrisonburg, VA 22801, 703-434-4298.

Registered Holstein bull for sale- Creek Son, dam GP84 2 yr. Job Cl 676, Gr Dam EX with records to 23,776m 4.2% 1015f, prefer DHIA herd, $1000, 304-725-2904.

Charolais purebred bulls, heifers, open and bred, $450 and up, York, 717-432-5731.

Angus bulls for sale. 2 yr. old by "Power Play". Yearling by "Power Play". Reasonably priced. 717-292-4855.

Angus-Charolais mixed bulls, heifers, bred cows. Purebred Angus herd bull. Gettysburg 717-334-7993.

Registered Astronaut son, 25 months old, 84 Point dam with 33,000 lbs. milk in 364 days, reasonable, 215-799-3489.

For Sale - 10 units of Ivanhoe Star semen $75.00 a unit. 717-286-0332.

2 Registered Guernsey heifers, due to freshen by July 5, high bloodline background, 215-536-1935 between 7 AM and 9 PM.

For Sale, due to death of owner- long established Holstein herd, 30 well producing young cows with high B.F. test, art. breeding Heifers of all sizes also available. 301-578-1224 between 7 30-8 30 AM or late eves

CATTLE

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres 717-792-3216 York County.

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

Wanted - Entire dairy herd, also, bred Holstein heifers. Will pay $25 more per head than the going price. Don't sell until you call me. Reuben Greenberg, Inc., Columbus, NJ 609-298-1021.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write.
Dairy Farm Leasing
1700 Dupont Ave. South
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612-377-1489

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified very good with records over 29,000 lbs. milk and 1195 lbs. milk fat. Stumpland Farm. 215-488-1965

Western & Canadian dairy cows for sale. As a service, we will select and deliver. Many years experience. Terms available. Also lease program available. I. Greenberg and Son, Box 249, Mt. Holly, NJ 08060. Telephone 609-267-1101

REG. HOLSTEIN SERVICE AGE BULLS
All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call collect John Barley, Star Rock Farms 717-872-4058.

Simmental Percentage & Purebred bulls, cows, heifers & club calves by leading AI sires. Performance tested. Edward Pierce, R.D. 2, Neshanic Station, NJ 201-369-4039

Achilles Cattle Co. - Semen - Lacombe Achilles, Exacalibur, PMB Savior, Titan of Sim- POL, Silver Tone Prime Time, Sir Duke Signal, etc. Edward Pierce, Neshanic Station, New Jersey, 201-369-4039.

Wanted - Herd of dairy cows or heifers, 301-358-0412.

For Sale - 6 large Holstein heifers, ready to freshen, some have freshened. 717-324-2841.

Cattle reduction sale - reg. Polled Herefords, exc. bloodlines, open and bred heifers, bred cows, cows w/calves, service age bulls, grade prices. W. Paul Halsey, Pylesville, MD 301-452-8621 after 5 301-452-8610.

For Sale - 20 Canadian Holstein heifers due to start calving in August. Can be seen at Brookville, PA. Jefferson Co. call ask for Mr. Wingard 814-328-2488 or 419-526-3771.

Quality Holstein heifers, due July. Also young cows, due June and July. Service age Holstein bulls, some Registered. 717-653-5408.

For Sale - 7 Registered Holstein cows, 3 due in August, 3 due in November, one due in January, one is a bred heifer, 5 are milking 2 year olds, one is a four year old scored 84, all cows are scored and have DHIA records, Service Sires include Pete, Starfire and Arrow, priced to sell. 215-869-3502 at lunchtime or after six. Chester Co

CATTLE

Family farm dairy herd, 75 grade milk cows. 518-329-1326.

For Sale - 40 springing heifers, Holsteins, well grown, from high producing dams on DHIA test, freshening July 15 and after, all calfhood vaccinated. 717-229-2055 around noon.

FOR LEASE
Will lease to good farmers 1st calf heifers w/option to buy.
Write: Sunrise Farms
Box 145
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ANGUS CATTLE FOR SALE
Established Quality Breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
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201-832-7944

For Sale
Purebred Angus Cattle
Bred cows, pairs, bred heifers, yearling heifers, yearling bulls and club calves
Priced to sell
Ask for Glenn Eberly
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717-367-1552 office
or 814-326-4660
Tioga County farm

HORSES & MULES

Standard Bred stud service, stands 16-2 dark color. With white markings. Melvin Stoltzfus, P.O. Box 22, Talmage, Pa. 17580

Reg. Morgan stud service. Good temperment, 15 hands. Joseph Esh, 2151 Forry Road, Lancaster, PA 17601.

For Sale - Young Black work mare, broke and sound, good worker, $750. 717-354-9370.

Stud service, 17 Hands, Registered Standardbred solid trotter, good conformation, hand over breeding. Amos L. Beiler, Rt. 4 Box 111, Loop Rd., Quarryville, PA 17566.

Good 3 year old black buggy horse $650. Henry K. Blank, Gibbons Road, Bird-In-Hand, PA.

2 beautiful Registered Quarterhorse mares, champion bloodlines; also will trade Ted Flowers silver parade outfit for fancy two-horse trailer. 814-445-6358.

4 American Saddlebred horses, all 4 driven on highway, 2 lady broke, 215-445-6298.

3 year old Registered Appaloosa gelding, grandson of Prince Plaudit. 301-836-8398.

CATTLE

Registered Holstein bulls, Service age, good selection, records to 32,000 lbs. of milk. Southern Lancaster Co. 717-786-3591

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Is your bull settling his cows?
Improving your herd?
Several to pick from
$750 to $1250
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Large selection of high producing registered and grade Holstein first calf heifers and cows
Terms Cash or short term credit Also, our very popular lease plan
All health precautions taken
If you need a new herd, additions, or replacements call or write
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Genesis Leasing, Lansdale, Pa. (215-368-5325)
Steve Porter, Williamsport, Pa. (717-323-9465)
D.H. Rumsey, Bath, N.Y. (607-776-3478)

FREE STALL DAIRY HERD
70 grade Holstein in good health and production.
Currently 63 in milk for 3250 lbs. per day.
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For Sale - A fifth wheel hitch wagon; a Registered Percheron shown at Columbus and PA Farm Shows. 814-355-1922.

Mules, big and young sired by 14.3 Mammoth Jack out of draft mares. Yearlings one Bay, one Grey stand 14.2 $450 each. Two year old Black, stands 15.3 $1100. DeGennaro, Feurabush, NY 12067. 518-768-2922.

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Individual and Dealer Inquiries Welcome
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Liver chestnut, 3 white socks, white blaze, 16.1 hands. Lots of snap and style.
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Breeder of Show Quality Quarter Horses At Stud - Bueno Call & Bar Steeley Bar
Stop by & pick out your winner!
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SHEEP & GOATS

For Sale - 3 Hampshire ewes, 1 registered Hampshire ram, 717-665-5960.

50 ewes, mostly grade Suffolks, ages 2-4, all lambed in 1983, $50 each. Southern York County. 717-993-2829 evenings weekends.

Nubians-doe kids. 2 Am. Alpine, 1 Saanen-Nubian. 215-459-2135.

Dairy goat herd dispersal, high quality show milk Saanan and LaMancha kids, bucks, milkers, reasonably priced, discount to 4-H, contact Mountainmagic, Denny Rowan, 215-683-6834.

Registered Dorset yearling ram. Good quality, twin. Asking $225. 717-665-2588 or 717-665-6220.

Mont. Co. Milk Goat Co-op, Nubians: P, Am, GN; Bred for high production, longevity of lactation: milkers, kids, breeding buck for sale - all from 2500-4000 lb. milk lines; DHIR; 10% discount to those on DHIR, 215-495-7525.

For Sale - Hampshire Ram 2 years old $65. Registered Hampshire yearling ewe $100. York Co. 717-292-5250.

Polypay Sheep, registered and certified, lambs, rams, ewes, twins or better, 215-269-6967.

SHEEP & GOATS

For Sale - Purebred Alpine dairy goats, excellent milkers and kids. Selling out, no reasonable offer refused. 717-528-4598.

For Sale - Registered Suffolk ram lambs, Dauphin Co., 717-692-2483.

For Sale - Suffolk ewe lambs for fall breeding. 717-648-3618.

For Sale - 3 Nubian does, Grade and American. 301-526-5336.

Registered Suffolk Ram, 4 years old, proven breeder. Must change bloodline. Chester County. 215-696-8570.

Wanted - looking to buy 20-30 quality baby milk fed lambs this fall (born in late summer only) M. Bocage 768 Carver Ave., Westwood NJ 07675.

Purebred Suffolk ram lambs and yearling ewes. Healthy, vaccinated, wormed. 717-653-2318.

A.D.G.A. Nubian dairy goats, 15 must go. Super pedigrees, TB and Bangs tested. Loveable hobby or 4-H projects. Gettysburg 717-334-7993.

For Sale - Saanen-Pygmy buck kid, $30. 717-284-4242 Lanc. Co.

Angora goats and Pygmy goats for sale. 215-794-3350.

2 large 5 month old Registered Suffolk ram lambs, $150 each. 215-274-8184.

SWINE

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

SWINE

10 open gilts, approx. 225 lbs., 215-445-6298.

For Sale - Landrace and Poland China boars and open gilts. Harlan Wessner 215-298-2342.

For Sale - Chester White and Spotted service aged boars and open gilts, also a few bred gilts, James Parlett, Airville, PA 17302, 717-862-3610.

Primarily large white and Landrace cross gilts for sale out of a highly productive unit. Write to Melvin K. Fisher, 25 Quarry Rd., Paradise, PA 17562. Lancaster Co.

For Sale - Hampshire and Berkshire boars, open gilts, Berkshire-Hampshire crosses, pure Berkshire open gilts service age. Terry Bennecoff 215-285-6582.

30-50 Duroc, Yorkshire and Spotted F-1 bred gilts for sale. Due every month. Also boars and open gilts. Same breeding as Top Pen of Yorkshires over all breeds as at Penn State 1982 and Top Pen Full American blood Durocs over all breeds '81 tests. All boars gaining over 2 lbs a day. Also feeder pigs at times. Brucellosis free herd 26, and Pseudorabies free 18. Calvin H. Lazarus and Sons, 4290 Bridge Street, Whitehall PA 18052, 215-799-3375 or 3831

For Sale - Crossbred Landrace Yorkshire gilts, crossbred litters maintain a 9 plus weaning average, over 500 litters annually. Boars- purebred Duroc and Landrace and Hampshire-Duoc. Foundation stock is bred artificially from top bloodlines in the country. Dutch Valley Farm, RD 5, Manheim, PA 17545. Call Mark, 717-665-6220 or John 717-665-2588.

Yorkshire and Hampshire service age boars, also 85 open gilts ready to breed, John Strawbridge, 301-996-2022.

Service age reg. Yorkshire boars, Bred gilts, due August, from healthy, productive herd. Delivery available. Charles Hall, Box 263, Julian, PA 16844, Centre Co. 814-355-1647.

SWINE

Yorkshire bred gilts and breeding age boars, Miller's Yorkshire Farm, RD 1, Box 1366, Spring Grove, PA 17362, 717-225-1926.

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa. Phone 717-658-6544.

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Duroc, Spot, Crossbred Gilts
BOURBON SPRINGS FARM
R2, Newville, Pa. 17241
Kenneth Ketterer
Phone 717-423-6250

SWINE

2 sows bred week of June 20th, one 3 year old boar, one open gilt and 4 young boars. Lancaster County 717-786-1882.

4 Yorkshire bred gilts and 2 sows due July 6 to July 19, healthy and productive herd, Red Run Farm, 717-292-4634.

TOP QUALITY FEEDER PIGS FOR SALE
REFERENCES FURNISHED
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For Sale - Duroc boars & gilts. Sweigard Durocs, R.D. 3, Box 639, Halifax, Pa 717-896-3365.

Pig Farrowing House
16-18 stalls
plus nursery
Both buildings A-1
$7500 for both
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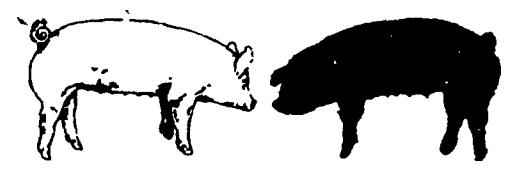

BOARS AVAILABLE

Sale report - Arnolds 27th Saturday, June 25, 1983
Lebanon Fairgrounds, Lebanon, Pa.
Bred Gilts (HIGH SELLERS)
Yorkshire Lot #17 @ $700 to Lubert Farms Orwell, Vermont
Duroc lot #119 @ $410 to Roy Berkheimer Wellsville, Pa.
Landrace lot #57 @ $450 to Alvin Shaffer Dalmatia, Pa.
Crossbred 3 @ $370 to John Liquori Feeding Mills, Mass.
80 bred gilts average $351 per head
Boars:
Yorkshire lot 102 & 106 @ $1000 to John H. Hess Jr. Manheim, Pa.
Duroc lots 132 & 133 @ $900 to John C. Turn, Kempton, Pa.
17 Boars average $369 per head
BRED GILTS FOR SALE PRIVATE TREATY
Duroc #14-4 due July 20
Crossbred 11-2 due July 20
Crossbred 47 due July 25
Crossbred 48 due July 25
Crossbred 49 due July 10
Crossbred 50 due July 8
Crossbred 53 due July 11
Crossbred 62 due July 6
Crossbred 67 due July 19
Yorkshire 1-2 due July 26
Yorkshire 8-4 due Aug. 5
Yorkshire 16-4 due July 6
Yorkshire 21-6 due July 7
Yorkshire 23-5 due July 25
Yorkshire 1-7 due July 27
Yorkshire 7-2 due Aug. 7
Yorkshire 3-8 due Aug. 2
Yorkshire 4-2 due July 23
Yorkshire 4-4 due July 15
Priced $300 to $500
Boars July Service
11 Duroc, 3 Landrace, 6 Yorkshire
Price $300 to $500
August Service
11 Duroc 16 Yorkshire
Production Sale Aug. 19
PA Boar Test Aug. 24

Free Delivery
Lancaster Co. most Mondays
Northcentral PA July 22
Please call early for delivery.
Brucellosis & Pseudorabies free herds.

Call or Write

Yorkshires	Durocs
Leon L. Arnold	Lawrence Arnold
Rd. 7 Box 705	1245 Cumberland St.
Lebanon, PA	Lebanon, PA
717-273-5880	717-272-9827
	717-933-8153

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Ivanhoe Jerry and Chairman semen for sale. 814-383-4771.

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SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.

TRI-COUNTY
PHONE 717-274-3488 LEBANON PA.
BUILDINGS SALES EQUIPMENT
SWINE SYSTEMS

HOG EQUIPMENT FOR SALE
6097 bu. aeration bin, drying floor, sweep, etc.
Mix Mill w/12 ton storage
Better Bilt 1100 gal. liquid manure spreader
18 Arco Rohn hot digged galv. farrowing crates
18 4'x4' nursery cages
5 Cyclone feeders, 20 hole/10 per side, stainless btms.
5 Cyclone feeders, 4 hole, stainless btms.
5 outside metal feeders
31 sow drop feeder with 1-80' 2½" auger and motors and 1-60' 2½" auger and motors
2-6 ton bins, 2-4 ton bins
2-L.B. White heaters
1-12" fan, 2-18" fans, 1-24" fan
1 hog scale
10-Big Blue heated nipple waterers
1 high pressure hot water washer on wheels
800' of 3' hog panel
2-100' 4" augers w/motors
1-30' unloading auger
20 nipple waterers
1-4" 30' auger w/motor
Nick Isaacs
302-378-8432

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SWINE & POULTRY SYSTEMS SPECIALISTS
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BEST IN DESIGN, PRICE AND EXPERIENCE

WE SPECIALIZE IN THE LATEST AND MOST MODERN DESIGN IN BUILDINGS AND EQUIPMENT FOR HOG CONFINEMENT
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★ NURSERY ★ GROWER ★ FINISHER
★ COMPLETE AUTOMATION FOR WATERING, FEEDING, VENTILATION

ISAACS PROFIT BUILDERS ARE RELOCATING
Here is an opportunity for someone to start in the breeding business with clean, healthy breeding stock.

Sows & Gilts For Sale:
4 bred sows due July 9 to 14, York
16 bred sows due Aug. 10 to 16, York
11 bred sows due Aug. 25 to Sept. 4, York
14 bred sows due Oct. 8 to 9, York

Boars:
30 tested York & York Hamp boars, 6 months old
Guaranteed Breeders

Brucellosis & Pseudorabies free

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WYAND DUROCS AND TAMWORTHS
Commercial & Purebred Swine
Quality Boars and Gilts at Low Prices
(Since 1959)
Low Prices on Feeder Pigs.
- Cross Bred Gilts open 10 or more $175 each
- Cross Bred Bred Gilts 10 or more $245 each
- Service Age Tamworth Boars $275 each
- Service Age Duroc Boars $275 each
- Tamworth & Duroc Gilts Breeding Age $200 each

Free delivery in all U.S. and Canada
Call Collect 304-274-2971
Box 346 Williamsport, MD 21795

POULTRY & SUPPLIES

Wanted to trade - young white mute male swan for female swan, 717-656-6801.

For Sale - started 9 week old Rhode Island Red pullets and roosters, Primrose Farm, Lanc. Co., 717-285-3736.

HOG EQUIPMENT & SUPPLIES

7 Pride of the Farm hog waters 3 8 hole feeders, 4 4 hole feeders, used 6 month, 717-538-5523.

Precast concrete hog and cattle slats, various sizes; also concrete slabs 5'x12', low pirces. 717-933-8695.

For Sale - 18 farrowing crates w/feeder waterer creepfeeder partitions heater. 2 double sided stainless steel nursery feeders. 2 skids w/10 feeding/gestation crates on each. Outside mounted Aerovent 75,000 BTU heater. 717-397-9921.

POULTRY & SUPPLIES

Bob White Quail for sale. Eggs, chicks, mature birds. Scheib's, Box 255, RD#1 Elizabethville, Pa. 17023.

8 Big Dutchman corner drive feeders w/one HP motors, w/450' chain per unit. 2 Buch egg coolers. 717-529-2512.

Wanted Double Yolk Egg

Will pay premium price

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For Sale - 50 bushel buckwheat seed not cleaned, good yielder $10 per bushel, Luzerne Co., 717-788-2635.

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa.717-739-4586.

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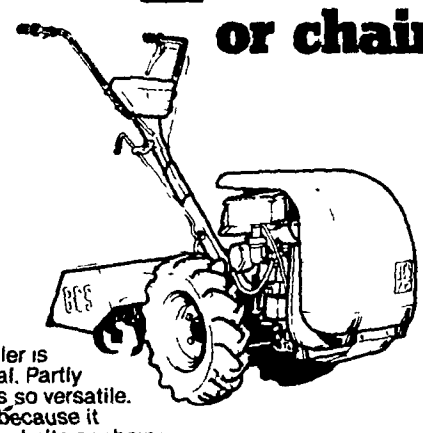

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Farmer w/field and dairy background, references and experience necessary. Send replies to: Lancaster Farming, P.O. Box 366, A-61, Lititz, PA 17543.

Married person to work on 80 head of milking registered Holstein dairy farm. Must have experience in milking, field work, and herd health. Comfort stall barn with Surge pipeline. Large 3 bdr. house with free gas heat provided. Call 412-286-9049.

Milkers, experienced, house and utilities furnished. Write qualification: Carwytham Farm, PO Box AF, Bridgehampton, NY 11932.

Herdsman or herd mgr. married, family, exp. herd health, AI, high production fitting and showing, records, references, Write to Lancaster Farming, PO Box 366 D-56, Lititz, PA 17543.

Person to work on dairy farm, must have experience and reference, house and benefits provided, 301-357-5314 after 5 p.m.

HELP WANTED

Person to work on dairy farm. Milking, etc. Housing and other benefits. 717-898-7689 Lancaster Co.

A reliable, sober person to work on dairy farm, must be able to milk in milking parlor and operate modern machinery, good wages to right person. Call after 6 PM 301-429-2962.

Herdsperson for 140 cow registered Holstein herd in eastern PA. Double 6 herringbone parlor, relief milking, must be responsible, record keeping, AI breeding and herd health, some knowledge of outside work, must be able to work with men, housing furnished, hospitalization, other benefits, references required, write to Lancaster Farming Newspaper, PO Box 366 J-279, Lititz, PA 17543.

Ambitious person to assist with barn and field work on northeastern PA dairy, must be competent with machinery operation and maintenance, serious inquiries only, 717-278-3924 between 3 and 7 PM.

Poultry Sales & Service Position
Industry related experience required.
Area covering Southcentral PA
Call or send resume to
Moyer's Chicks Inc.
266 E. Paletown Road
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Dairy help, experienced in AI preferred for large Virginia Dairy, 804-286-2688.

Herdsman for 150 cow registered Holstein herd, milking, record keeping, AI, etc. House, insurance and good salary, located S.E. Frederick County, MD. References required. Gay Ridge Farm, Ijamsville, MD 21754 301-662-7086.

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Part-time dairy help with 50 cow herd, AM and weekends. Apartment available for married person on farm. 717-626-9287.

Responsible person or couple to work on 100 cow dairy farm with milking parlor. Must enjoy working with cows. Modern farm house available. Good offer for right person.
Lancaster County
Send replies to:
Lancaster Farming
P.O. Box 366, R-10
Lititz, PA 17543

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Operators of portable seed cleaning machines needed mid-July until fall. Must be reliable, farm background preferred.
OPERATORS NEEDED IN THE FOLLOWING COUNTIES YORK, LANCASTER, BERKS, LEBANON, DAUPHIN, SCHUYLKILL.
Excellent Pay!!!
REIST SEED COMPANY
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Good salary, Benefits, plus commission.
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Dairy farm foreman with herdsman and mechanical qualifications. Excellent house, salary, medical insurance, pensions, etc. Baltimore Co. 301-922-6523.

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Does high production and a low cell count on 140 cows interest you?
Does keeping cows at their peak of condition and calving at proper intervals challenge you?
If you can add the ambition to be among the best in your field, a strong sense of reliability and a genuine love of cattle...
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We are looking for the right individual to advance to the position of General Manager of a farm equipment dealership associated with the two most respected company names in the agricultural markets of the world.
Your education, attitude, experience, proficiency, willingness to work and display of initiative and imagination are important for this job.
Relocating might be one of the requirements.
All Replies Confidential - Send Resume To: Lancaster Farming, P.O. 366 D-58, Lititz, PA 17543.

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Veal feed sales and servicing for qualified persons. We're the fastest growing company in machine and crate fed calves. Unlimited potential!
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HELP WANTED

SITUATIONS WANTED

Man, 34, would like employment on a poultry or livestock operation. No dairy. Has Associate Degree in Livestock and Poultry. Phone 717-252-2092.

Farm couple wants farm and machinery to rent in Bucks County, PA. Call Jim 215-357-1008 days, 215-357-1319 evenings.

NOTICE

Notice - Good's Pea Shelling at Ken-Nel Farms, 196 West Lexington Road, Lititz, Pa 717-626-4911 same dependable service.

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For Sale - 1971 Ford school bus, 66 passenger, very good condition, $2000. 301-877-1703.

New Super Bronc trail bike, 8 HP Tecumseh engine with automatic, excell. bike, great for farm use, trail riding, etc. 717-442-9008.

SITUATIONS WANTED

College graduate w/Major degree in Agriculture seeks an agriculture job. 717-653-4169 after 4:30 PM.

Father Son team w/complete exp. would like to operate dairy, salary share or lease purchase. Call 301-5 5495 after 7 PM.

Family man, 31, seeks sales or management position with agricultural or recreational firm Degree and experience Owen Maquire, RD 3, Box 219, New Tripoli PA 18066, 215-298-2875.

Experienced young man seeking dairy employment. Call evenings 215-265-2133.

Young man wants full-time permanent job on dairy or beef farm, non-drinker and non-smoker in NJ area if possible. 609-769-3522.

Farmer with volunteer corn would like to rent 4 row cultivator. 717-758-2136.

Man with family looking for long time position on farm, have good references, 717-278-4807.

Married couple with one child, 13, looking for position as herdsmen on modern, total confinement swine operation. We are interested in breeding, herd health, feeding, cleaning and management. Have some experience with finishing hogs. Very eager and willing to learn all phases. Looking for long-term employment. Have references. Available on or before September 15th.
Desire Pennsylvania.
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Lancaster Farming
P.O. Box 366, D-55
Lititz, PA 17543

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For Sale - Hydroponic Greenhouses, 128x32 tomato; 16x32 lettuce, two years old. 717-933-8360 anytime.

For Sale - 8 unit motel and lunchonette with living quarters presently being operated, possession anytime, very good fishing, hunting, camping area in Clinton Co., asking $65,000. 717-923-1483.

For Sale - Small hardware and lumber yard in rural community near Geneva NY. Attractive financing by owner on real Estate. Modern store, well stocked. Write Box 250, Hall, NY 14463 for details.

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Stihl Chain Saw Dealership Available.
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All Tools
EVERYTHING
you need to start business, even account numbers, new hyd. pump
$3000
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Want to buy - 1975 Caprice Classic convertible, must be in excellent condition and low mileage. 814-445-6358.

4 cyl 153 cu. in Chevrolet engine, excellent condition, w/power glide transmission, Post Office Jeep or Chevy II, $350. 215-269-5858.

COMPUTERS

Pick Out Your Software First Farm Software Services, Bernville, PA 215-926-3167.

Need Help Programming Your Farm Computer? College student would like to program or teach you to program your microcomputer. 717-626-6062.

Wanted: Distributors for Apple Computers & Farmplan Software, minimum investment, full training & support, excellent return, nationwide company. Contact. AC&CS, Box 2008, Syracuse, NY 13200. 315-475-1084.

PETS

Catahoula Leopard stock dogs, great dogs for family watch dogs, dairy and hog farms, natural heelers, all ages available, guaranteed satisfaction or money back, Thorpe Farms, Newtown, PA, 215-862-2650.

COLLIE registered AKC puppies large bloodline, sable white and whites, shots and wormed. Bedford Co., call eves, 814-793-3938.

Boston Terrier male and 2 females, nicely marked, $100 for all must be sold together; also male and female Chihuahua 10.00 for both, York, 717-757-3491

Eskimo Spitz puppies, 8 weeks old. 215-589-4879.

MISCELLANEOUS

Wanted to Buy - Old or junked fork lift trucks, will pay cash. 717-652-1957.

Best offer - Frame building, approx. 70' long, must be removed first week in July, 717-872-5523

For Sale - New bu. crates. Bees and supplies. John W. Shirk, East Earl RD1, 17519, B.2 Fetterville.

We buy and sell new and used cardboard boxes, steel, fiber and plastic drums or wooden barrels, Reliable Recyclers, 114 S. Maple Avenue, Leola, PA, 717-656-4211.

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Wanted - puppies for pets. AKC, purebred and mixed litters. Will pick up locally. 717-442-4259.

Reg. Border Collie pups, wormed, shots, working stock, parents, ready to go, Wilmington DE, 302-655-0558.

For Sale - Adorable baby pet skunks, decented and ready for good homes. Call Quakertown 536-4190.

For Sale - AKC registered Doberman pups, shots and tails docked, reasonably priced, ready to go July 9th, 717-369-2692.

Jack Russell terrier puppies, whelped 4/24/83, a very devoted pet and loves to hunt groundhogs and rats. 717-469-0782.

AKC Registered Collie pups, beautiful, loyal, friends for life, eyes and health guaranteed. Spellbound Kennel 814-224-2239 or 224-2391.

For Sale - AKC Collie puppies sable and white, shots and wormed, Dauphin Co., 717-533-7280.

Netherland Dwarf purebred bunnies, show and pet quality, also breeders. York Co. 717-244-8998.

MISCELLANEOUS

BID: The Pennsylvania State University Southeastern Field Research Lab at Landisville, Pa. offers for sale on a sealed bid basis the following equipment. For an appointment to inspect the items and obtain bid forms call John Yocum at (717) 653-4728 between 9:00 a.m. and 4:00 p.m., Monday through Friday. Bids close on July 21, 1983.

John Deere binder; stalk chopper; water pump; coldframe glass sashes; mixing drum stand; ¾ hp elec. motor; Goulds water pump; 2 ea. Kerosene heaters; blower w/elec. motor; sinks; laboratory slate tabletops; 1000-gal. water tank.

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

Good locust posts for fencing and landscaping, fully seasoned, choice in sizes and price, 717-755-5587 eves.

220 HP Cummins Diesel power unit, large water pump, can be used as snow maker or irrigation, 50HP electric motor, make offer, 215-385-3884.

PETS

I won't need any pups till July 19th. The puppy stand will be closed June 28th, July 5th & 12th. DO NOT bring any pups to Root's.

If anybody would like to contact me regarding the price of pups, phone 609-452-8903 or 301-778-6666 early mornings for best results, keep trying.

I need 350 pups on Tuesday, July 19th.

Attention Farmers - If you have good dogs to sell, contact me at 609-452-8903 early mornings. Let me know when they are 2 wks. old so I can take orders for them on the Greater New York market, thereby assuring you a better price when they are ready for market.

Attention!!! I would like to buy a used 4 door Cadillac in good condition. Will pay cash. If it needs anything, don't bother to call. Prefer a one owner car, no dealers.

JO JO THE DOG MAN

I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.

I need good healthy, clean pups, pure & mixed breeds, to 8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you! Paying up to $75 for extra cute mixed breeds.

See Me At

Root's Farmer's Market

RD 1 Manheim — Every Tuesday 5 PM - 8 PM

P.S. On July 19th, there will be 2 prizes: a $25 prize for the cutest pup & a $50 prize for the farmer who comes the farthest distance to sell me pups that I buy. Winners will be announced in July 23rd's Lancaster Farming.

MISCELLANEOUS

Wanted - Low Head Water Turbine. Noah N. Zimmerman, Martindale, Pa. 17549 215-445-6061.

2 seated Stauffer carriage, 215-445-6298.

For Sale - 78,000 screw caps for 38mm tamper proof caps $10.00 per thousand. Also 5 door "Hill" display freezer, stainless steel doors, with 5HP three phase compressor, $3200, call Hoffman Farms, Inc., Barto, PA, 215-754-6441 or 215-754-7751.

Hobbyist seeks earlier cameras, railroad military pocket watches such as Hensoldt, Zeiss, Leica, Detrola, 400, Exaktareal, Kardon, Steineck, Agassiz, Assmann, Ball, Bowman, Delong, Dudley, Elgin, Flint, Hamilton, Hanson, Howard, Illinois, Lange, McIntyre, Rockford, Trask, Wheeler, Zenith, also related manuals, catalogs, lenses, accessories, condition, serial no., prices to Edmund Juszcyk, 2421 West 46th Street, Chicago, IL 60632.

2 Copper kettles with lids, 19" deep, 24" round, 215-539-4733.

Wanted - Shingle mill in restorable cond., must be reasonable priced, Michael Pontzer, E. Eschbach Road, St. Marys PA 15857, 834-781-6929.

For Sale - 7300 watt portable generator, used one time, make offer, 215-670-2395.

Wanted - Complete inventory of woodworking shop. 717-757-1109 or 717-755-6945.

8 MF front end weights $25 each; one 1 HP electric motor Doerr $75, 215-369-1211.

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Hopper and Conveyor types Picks stone 1½ inches up. Five-ten acres daily 4-yard hopper capacity. Ready to work - $2950 Rebuilts $3500 up

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NOTICE:

Truck & Trailer classified advertisements are located in Section B with Real Estate and Mailbox Market advertising.

Deadline for Trucks and Trailers and Real Estate, Wednesday 5 P.M.
Mailbox Market Deadline, Tuesday 5 P.M.

MISCELLANEOUS

ANTIQUES

Wanted - Old Corner Cupboards.
Paying up to $3500
Old desks up to $2500
Old high chest of drawers up to $3000
Buying dry sinks, wall cupboards, oak and walnut furniture.
Anything old - lamps, quilts, dishes, copper kettles.
Also buying old doors, flooring, locks, silver coins, gold coins.
If you have anything, give us a call

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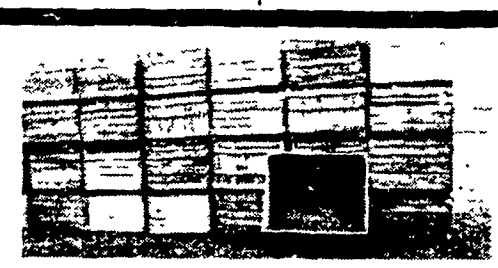
MISCELLANEOUS



FOR SALE

Bins - Apples, Potatoes, Melons, Cabbage, etc. Cuts down handling, used, extra good shape, 54"x47"x25".
All oak. Can deliver - $10.00 each
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25" wide 15" deep $119.50
Use for in or outdoor cooking.
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Also use for barbecue pits.
We stock and deliver free in zone 1 & 2.
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or any six items delivered free or pick-up here.
We install including all material for $476, minus chimney.
We go anywhere. (open) Home Eve.

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717-786-1920 6-6:15 P.M. only

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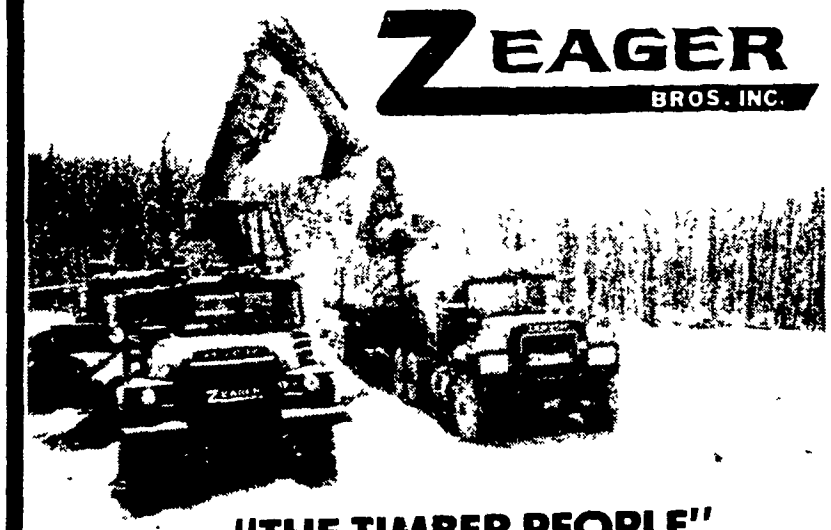

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The answer to today's efficiency questions.

Once again Master Mix brings you the answer to the age-old question of how to boost the efficiency of the dairy cow.

Simple, flexible, and profit-making, the answer came just in time, because today more than ever you need a feeding program that squeezes more net profit from your cows...to cover operating expenses and pay yourself a good income.

Based on the concept of phase feeding, the program includes Master Mix Multiphase™ dairy concentrate and two Density Plus Nutrient Pacs — Silage Pac and Legume Pac.

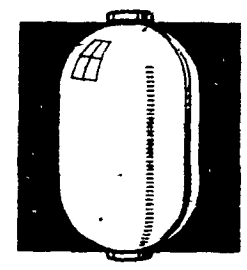
This Master Mix Phase Feeding Program fits any type of operation. Use Multiphase as the foundation concentrate for the entire herd, then add the appropriate Density Plus Nutrient Pac when you need to boost the nutrient density of the grain ration.

Nothing could be simpler for phase feeding. Multiphase allows you to feed each cow for optimum production. This allows the cow to reach maximum milk production without the costly waste of overfeeding. That means more net profit from each cow every day of the year.

Master Mix

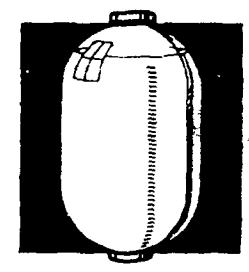
The Breakthrough People.

Phase 1



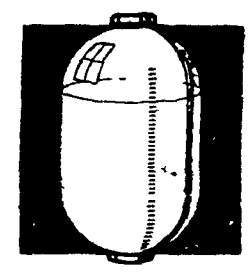
This is the early lactation period, lasting about 10 weeks. During this time, the cow usually cannot physically consume enough feed to support her peak production. Multiphase dairy concentrate and the appropriate Density Plus Nutrient Pac with the recommended levels of grain allows the cow to peak at the highest possible level. This is critical to profitability since each additional pound at peak equals 200 pounds over the course of the lactation.

Phase 2



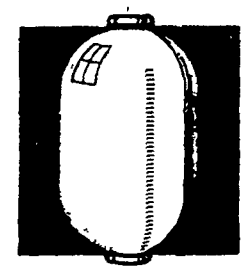
During this phase, milk production begins to decline, feed intake peaks and the cow's body weight stabilizes. The cow is still producing at a high level and her nutritional needs remain high. Shorting her nutrient needs would cause her milk production to drop faster than the normal 10% per month. The appropriate Master Mix Density Plus Nutrient Pac along with Multiphase and grain will help maintain maximum milk production.

Phase 3



The cow continues her natural decline in production during the final 24 weeks of lactation. However, her appetite stays strong, and she can consume more feed than needed to maintain her lower production level. Feed cost can be cut by keeping feed intake in line with milk production. Density Plus Nutrient Pacs are not normally needed during this phase. Proper feeding during Phase III minimizes the amount of grain needed during the dry cow period.

Phase 4



Proper feeding during this eight week period reduces disorders such as overfat cows, off feed, displaced abomasum, calving difficulty, and retained placenta. For most cows, average or good quality roughage supplemented with the proper amount and balance of minerals is an adequate diet. Cows that are in poor body condition may need additional grain ration to build body reserves.

To prepare the dry cow for her next lactation, start feeding the milking ration two weeks before calving. Lead feeding allows the dry cow to adjust more easily to high levels of grain consumption at freshening. Do not exceed 1 percent of body weight before calving.

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Stop in today for all the details on the Master Mix Multiphase Feeding program.

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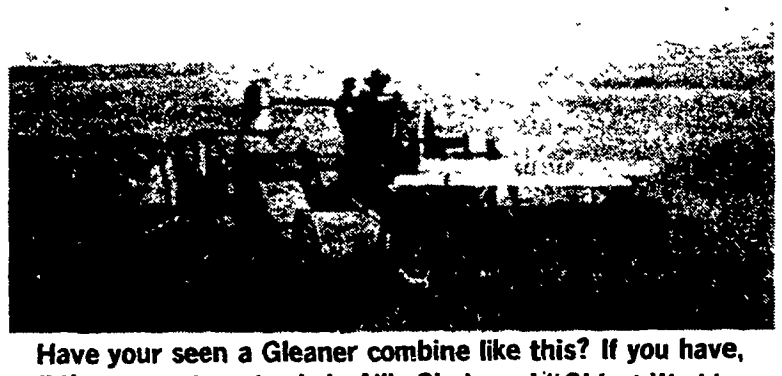
Farm Business News



Have your seen a Gleaner combine like this? If you have, tell the owner to enter is in Allis-Chalmers' "Oldest Working Gleaner Combine" Contest.

AC seeking oldest Gleaner

MILWAUKEE, Wis. — To commemorate the 60th anniversary of Gleaner combines, Allis-Chalmers wants to honor the owners of the oldest working Gleaner combine units. Owners of these older working models are invited to enter the "Oldest Working Gleaner Combine" Contest.

Allis-Chalmers will fly the winner and the winner's spouse to Kansas City for a weekend holiday which will include a Kansas City Chiefs football game and a tour of the combine manufacturing facility in Independence, Mo. The winner will also receive an Allis-Chalmers lawn tractor. Two contest runners up will receive a weekend holiday trip. In addition, the 25 oldest combine entries will receive a specially engraved replica of the new Series 3 rotary Gleaner combine.

To enter the contest, the owner should send a photo of his or her Gleaner combine along with the model number and year, and owner's name, address and phone number. The name of the owner's nearest Allis-Chalmers dealer also should be included. All contest entries must be received by Aug. 31, 1963.

For more information and complete contest rules, write to "Oldest Working Gleaner Combine Contest", Allis-Chalmers Corporation, P.O. Box 512, Milwaukee, Wisconsin 53201.

IH dealer salesman wins district honors

HERSHEY — International Harvester Co.'s top dealer salesmen were honored recently, here.

Representing Erb and Henry Equipment Inc. in New Berlinville, was Barton. Ziegler winning the total territory annual sales award in addition to top district award by International Harvester's district marketing manager, Dennis M. Hann from Syracuse, N.Y.

On hand to assist with the honor ceremony was Del Reynolds, local territory manager for IH.

Throughout the past year, International Harvester dealer salesmen have been competing for top honors. This year's banquet, held on May 15 was highlighted by a Loretta Lynn Concert in the Hershey Arena.

Mr. and Mrs. Barton Ziegler receive the top IH district award from Del Reynolds, local territory manager, for IH, and Dennis M. Hann, district marketing manager from Syracuse, N.Y.

Hubbard hosts N.H. Poultry Assn.

WALPOLE, N.H. — Hubbard Farms hosted the New Hampshire Poultry Growers Association at its Headquarters recently.. Approximately 185 members of the association turned out for their Spring meeting held at Hubbard's Walpole, N.H. corporate offices.

Poultry growers and egg producers from across the state and agricultural instructors from the University of New Hampshire toured the hatchery, research laboratories and administrative offices Wednesday afternoon.

Visitors were also treated to a tour of additional Hubbard Farms' facilities which included several of the research farms and laboratories located nearby. After a social hour and dinner, Hubbard presented a short after-dinner program.

Wentworth Hubbard welcomed the group and related a short history of the company. He described the first branch operation which was opened in Lancaster County, Pa. by Les Hubbard in 1932. In the fifties and in 1967, hatchery and breeding facilities were started in North Carolina and Arkansas respectively. Alabama was next in 1974. In describing the operations in Europe, Hubbard said that the first operation was set up in Belgium to serve the European Common Market. Known as Hubbard Europa, they operate seven separate companies in France, Italy, Holland, Belgium, West Germany, The United Kingdom and Ireland.

Went Hubbard speaks to New Hampshire Poultry Growers Assn. at corporate headquarters at Walpole.

Expanding its market throughout Europe, the Mideast, Far East and Africa, Hubbard opened franchises in many other countries. Hubbard chicks are now sold in nearly every country in the world.

Stephen Taylor, New Hampshire Commissioner of Agriculture, addressed the group and expressed his compliments to the Hubbard organization for its contribution to New Hampshire agriculture and its impact on the world market.

After a brief business meeting of the New Hampshire Poultry Growers Association, Hubbard's Jim Ranson, Director of International Marketing, spoke on Hubbard's overseas sales and operations. Ranson described the influence the New Hampshire based breeder is having on the world poultry market and added that the efficient and economic supply of protein could be the key to world hunger.

Cutworms can thrive in reduced-till corn

WARRIORS MARK — Reduced tillage has become a popular practice in Pennsylvania in recent years. Unfortunately, reduced tillage corn can be as popular with insects as it is with growers.

In many instances, reducing tillage saves time, fuel and soil. But university and crop consulting specialists report that leaving plant residue on the soil surface also can serve as an invitation to soil insects - particularly cutworms. Over the last five years, cutworm outbreaks have hit corn acreage more frequently throughout the state, causing substantial damage to unprotected corn.

Fritz McGrail, general manager of Webb's Super Gro in Clinton County, has tracked the upsurge in cutworm reports in Pennsylvania's Appalachian region.

"We've had a tremendous number of farmers reporting cutworm outbreaks in the last few seasons," McGrail says. "Cutworm moths, which fly up from the south each spring, are attracted to surface trash you find in reduced till fields. Crop residue offers an ideal place for the moths to lay eggs, which hatch into cutworm larvae in the late spring or early summer."

McGrail notes that the problem is becoming much more widespread, largely due to the trend toward less tillage. He estimates that 60-70% of the corn produced in his area is grown under no-till or with very little tillage.

Farmers who follow reduced tillage practices can control cutworms, but in essence they'll need to rely more heavily on chemical control using an insecticide registered to control cutworms. There are two approaches that will cover most situations. The first is an at-plant preventative treatment using a granular insecticide applied with the planter. The granules are banded over the row and may provide dual protection against both cutworms and corn rootworms, providing the product used is labeled for both insects.

Rescue treatment is recommended by most universities. To be effective, this must be combined with an aggressive, on-going scouting program to detect cutworm feeding early in the growing season. A disadvantage is that cutworms can be difficult to find and severe crop losses can occur before the problem is identified. A rescue operation is recommended as follows: at the two leaf stage, if three percent or more of the plants are cut and there are two or more cutworms per 100 plants, rescue treating is called for; at the four leaf stage, three percent cutting and four or more worms per 100 plants will warrant treatment.

Damage like this cut seedling can be a common sight in cornfields. The pest responsible is the black cutworm, shown in the lower left corner.

Jim O'Bryan, manager of Helena Chemical in Warriors Mark, favors the at-plant approach. "We've seen some growers cut soil insecticides from their programs because of low corn prices, but we've also seen a lot of evidence that it's the last place they should cut back," O'Bryan points out. "That's particularly true in this area around Huntingdon County, because there's a very high percentage of no-till corn, probably in the neighborhood of 75-85%. The risk of insect damage just can't be ignored."

Paul Dotterer, of Clinton County, agrees that preventative treatment is good insurance and well worth the investment. "My sons and I grow 550 acres of no-till corn for our dairy and beef herds," Dotterer says. "We apply Lorsban 15G in a band in front of the press wheel of our Allis-Chalmers no-till planter. That way some of the insecticide gets dropped down into the seed furrow and gives us some protection around the germinating seed and the roots of seedling plants."

Applying insecticide in front of the press wheel or closing wheels in a band application is known as "T-banding." This places most of the granules in a band wide enough to protect the developing root system from rootworm and cutworm feeding, while some granules drop in around the seed for protection there against in-furrow insects, too. For this type of application, the insecticide must have a low phytotoxicity or seed germination may be damaged. The product should be registerd for a broad spectrum of insect species as well.

Currently, several insecticides can be used to protect reduced tillage corn from a cutworm infestation. For at-plant band application: Lorsban 15G is registered for cutworm control; Dyfonate 20G for suppression of black cutworms only; and Mocap 10G for control of moderate infestations of black and sandhill cutworms. All are labeled for corn rootworm control. For rescue treatment, a broadcast application of Lorsban 4E or Sevin 5% bait have proved effective in stopping cutworms, providing the application is made at an early stage of cutworm larvae growth.

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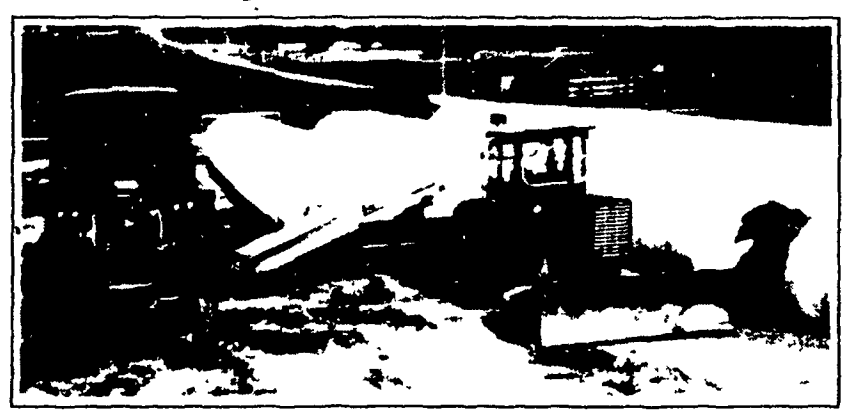

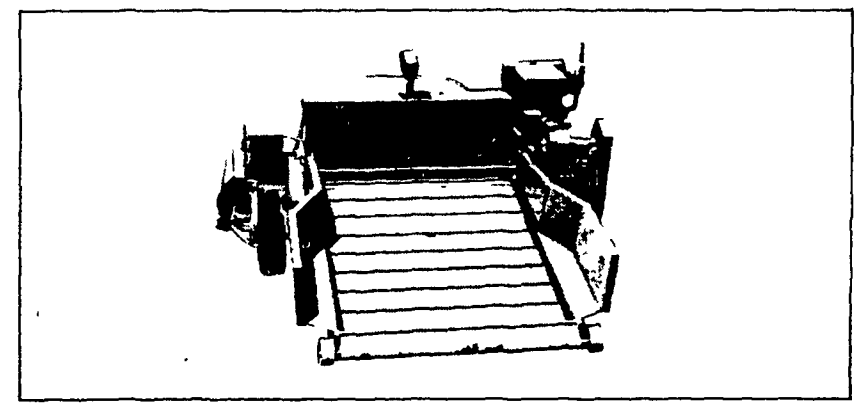

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Kenneth Popham of Floresville, Texas

Kenneth runs a 465 cow Dairy and said this about AG-BAG: "At today's interest rates you can't afford any other type of storage... Even with the yearly cost of bags it's still inexpensive storage... a whole lot cheaper than building barns and hiring help. I put up 13 bags last year and after seeing the results, I'll put up 25 bags this year. The bags are a good thing."

Don Carter of Parkdale, Oregon

"The best move I ever made"... says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool"... says rancher, Roland Rasmussen of Blair, Nebraska.

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs. to finish.

"By labeling every bag as to date and kind of feed, I can mix my feeds and eliminate the guess work in making a ration. I feed alfalfa silage, corn silage and ground ear corn stored exclusively in the bags, purchasing only my minerals and vitamin supplements."

"The AG-BAG system has enabled me to increase carrying capacity per acre at a reduced cost of gain."

Bert Anderson of Sceptre, Saskatchewan

"At least 30% more feed... I can guarantee at least that"... says rancher, Bert Anderson, of Sceptre, Saskatchewan.

"I've been able to cut my grain feeding costs in half since converting to the bagging. It's just like feeding grass. I've also eliminated the need for a liquid supplement that we always fed before going to the AG-BAG System..."

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Pa. alfalfa growers lose millions to pests

UNIVERSITY PARK — Pennsylvania alfalfa growers can expect to lose at least $8.5 million this year from damage inflicted by the potato leafhopper. That's according to a study conducted by Art Hower, entomologist at Penn State University.

"When we collected our data, the leafhopper count was at a 10-year low," Hower notes. "In an average year, growers will probably lose even more. The damage we measured was primarily from leafhoppers and although other insects not considered pests were present, the study didn't include alfalfa weevils. And the blotch leafminer count was low. So you can see why growers should be alert to alfalfa insects."

The leafhopper is harmful because of its effect on the crop it leaves behind. "Alfalfa infested by the leafhopper produces more fiber and less protein, thus reducing the plant's quality as a feed. And, it also reduces root reserves that the plant needs for regrowth," Hower adds. "This damage is less obvious than a yield reduction, but it may be more important economically in the long run."

The entomologist reports that the leafhopper, a 1/8 inch long, bright yellowish-green insect, does not overwinter in the Northeast. He says it's probably carried into the region on northward air masses from the Gulf Coast each spring. "The insects are typically brought in on storm fronts and fallout occurs all along the edge of the frontal system," Hower explains. Usually most damaging to second and third cuttings, the optimum time to scout for these insects is from mid-June through mid-August.

Leafhoppers cause the most harm to alfalfa that is less than 6 inches tall. An insecticide treatment is called for in alfalfa less than 3 inches tall if an average of 0.2 leafhopper is found per sweep with an insect net 15 inches in diameter. Alfalfa taller than 12 inches has an economic threshold of 1.5 to 2 leafhoppers per sweep. These figures are based upon a hay value of $80/ton, a control cost of $8/acre and an average yield of one ton/acre.

Identifying and controlling insects is important to alfalfa growers in Pennsylvania, since the state produces more than 800,000 acres of legume annually. Fortunately, according to Bill Angstadt of Reading Bone Fertilizer in Berks County, fighting alfalfa pests has taken a turn for the better recently.

"For years we've used a number of different insecticides for various insects, but we've never gotten the broad spectrum control we were after," explains Angstadt. "Then last year we took advantage of a new registration for a product we'd used for several years in corn. Lorsban 4E was labeled for 11 insects in alfalfa and we used it on several hundred acres with good results. The product got a good workout because 1982 was a bad year for both leafhoppers and blotch leafminers here in eastern Pennsylvania."

How can farmers tell when the crop is most vulnerable to an insect outbeak? Don Baldwin, technical service and development specialist for Dow Chemical in Pennsylvania, says young or recently cut alfalfa should be watched most closely for pest damage.

"Growers should pay special attention to early-season crop growth and regrowth after cuttings," Baldwin advises. "For example, a lack of fertilizer or poor weather that would slow spring alfalfa growth could be an invitation to the alfalfa weevil. A plant is in the most danger just after it has begun its early growth. Most of the damage is done by weevil larvae. As larval feeding progresses, leaves become shredded and take on a gray appearance.

If a stand doesn't begin to green up within three to four days after cutting, an insecticide treatment may be in order. Two applications are sometimes needed to provide full protection. Insecticide should be sprayed when 25% of the leaf tips are skeletonized and there are two or more larvae per stem.

It's impossible to overemphasize the importance of good scouting and timely reaction to an insect problem. For example, by the time visual evidence of a blotch leafminer infestation has been detected later in the season, their feeding cycle may already be completed. The resulting damage will be a substantial loss of foliage after the next cutting. The adult leafminer is a tiny, dull black, humpback fly, best recognized by its egg laying, which leaves pinhole marks on the leaves. Feeding punctures from the leafminer might range from just a few to over 100 per leaflet. Check with local forage specialists for treatment guidelines.

Dodds rejoins ABS

DeFORES, Wisc. — J. Douglas Dodds has rejoined American Breeders Service as Dairy Market Manager.

Dodds joined ABS originally in 1960 as a District Sales Manager in New York and was later promoted to Regional Sales Manager for the New England states. In 1968, he transfered to ABS head office in DeForest, Wisconsin, to head up the Genetic Mating Service Program.

In 1974, Dodds returned to the position of Regional Sales Manager and served in Wisconsin until 1978, when he left ABS to become National Secretary to the Ayrshire Breeders Association, with headquarters in Brandon, Vt.

In his new position, Dodds will coordinate company activities involved in dairy market analysis and the servicing of that market.

Dodds was raised on a dairy farm near Champlain, New York. He graduated from Cornell University with a Bachelor's Degree in Dairy Science in 1950 and later earned his Masters at the University of Rhode Island. Prior to joining ABS in 1960, he served as Dairy Specialist for the University of Rhode Island.

J. Douglas Dodds

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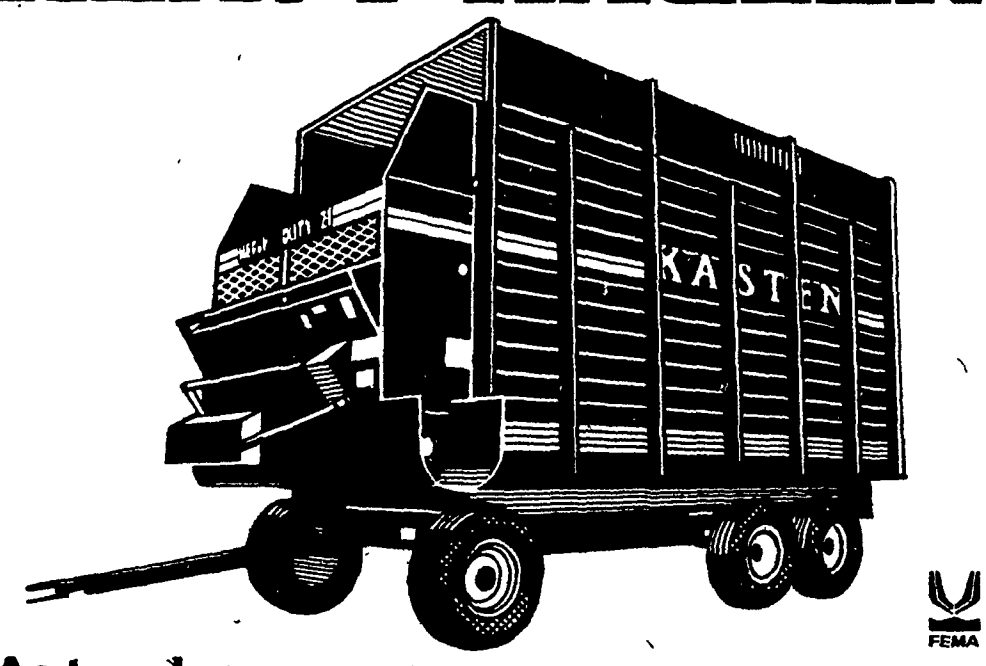

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Hog feed improvement continues

ST. LOUIS, Mo. — An invisible revolution is going on in the research laboratories and mills that produce feed for the nation's hog farmers. According to one of the feed industry's leading swine researchers, the greatest impact of these new rations is on a hog producers must important concern — the bottom line.

"Basic and applied swine research, in tandem with advances in feed mill processing, has greatly improved the efficiency and reduced the real cost of swine feeds in the last ten years." said Bud Harmon, director of swine research for Ralston Purina Company. "Rations available to today's producers are better matched to the nutritional needs of a hog than they were ten years ago. This translates into better feed efficiency and lower cost of feed per pound of pork brought to market."

Harmon pointed to two major changes in swine feeds during this period that resulted from research and feed processing discoveries — amino acid balancing and high energy content.

"Producers have long been aware of the need for a minimum level of amino acids and energy in swine feeds. Research developments in the past few years have defined the exact amounts of these imputs required at each stage of a pig's development," detailed Harmon. This has evolved into new kinds of feeds that allow a producer to take advantage of a hog's potential to gain rapidly," he added.

"For too long, amino acid requirements were expressed as a percent of diet for a given weight pig, without consideration for other nutrients," explained the Purina researcher. "We now know the balance of amino acids is crucial. Failure to avoid imbalances will impair performance. This is why feed tests with the High Octane line of rations produced gains that were greater than results from feeds hogs that were not amino acid balanced."

The same holds true for the energy content of hog rations, Harmon continued. "Minimum requirements have been known for a while. Defining the optimal amount of energy for each stage of a pig's growth is a recent development."

The researcher explained that energy levels must be adjusted to a pig's age and size, and must be watched carefully in boars gilts and gestating sows. "For example, sows fed too much energy in the first 60-70 days of gestation suffer higher rates of embryonic mortality. However, research has shown that sows receiving a palatable, high energy effectively to produce larger, healthier pigs, Harmon explained.

Discovery of the importance of certain levels of amino and energy did not immediately change swine feeds. "Knowledge of swine physiology and nutrition is always weighed against what can be done in practical swine rations, and may be dependent on processing technology" he continued.

"Since the introduction of high energy rations, hog producers have wanted a high energy concentrate that allowed them to use more corn than existing concentrates, in order to make better use of grain surpluses," he said.

This situation changed only recently, he said, after years of reseach and development of feed processing techniques." A recent breakthrough in processing now allows us to offer a 38 percent protein, high energy supplement, High Octane Hog Chow 38.

"This breakthrough revolved around incorporating fat into the feed in a different way than we had ever done before, and allows us to get more fat into the ration," he explained. "It also produced a side benefit—a supplement that flows well, even in sub-zero temperatures."

"The obvious benefit to a producer with large amounts of grain to be used is less out-of-pocket costs—four to five dollars per head fed out-to-market," he added. "This new product allows a producer to use 43 percent less concentrate per ton of ration, which translates to about 1.7 more bushels of grain per finished hog.

Harmon concluded with a look to the future. "Technological change stemming from research discoveries has made significant changes in a producer's bottom line. We still have a long way to go, but I think the feed industry is up to the challenge."

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Does corn need post-emergence N?

LANCASTER — Post-emergence applications of nitrogen are expected to become more popular as corn growers seek to improve fertilizer efficiency and maximize per-acre profits.

Extensive research by university and private soil specialists has fueled this trend. Split applications improve nutrient recovery by making more N available to the crop during its peak demand period. They also provide good insurance against fertilizer losses.

"The question today is not whether you should apply some N after planting, but how much you should apply and when," insists Don Johnson, an agronomist with Allied Chemical. "The answer hinges on your soil type, yield goals, cultural practices, and the type of application and tillage equipment you have available."

Weather is another factor. In wet seasons, corn growers who applied as much as 200 pounds N per acre before planting still find it pays to make a post-emergence application. It depends on how much N was lost to leaching and denitrification.

Practical Program

Because a corn crop's peak demand period for N is six to 12 weeks after planting, "spoon feeding" the mobil nutrient in small increments throughout the growing season maximizes its utilization. Such a program is not always practical, however.

"Unless you have sprinkler irrigation and can fertigate N whenever you water, there is no way you can apply N four to eight times after crop emergence," Johnson says. "You'll have to find a compromise."

But a compromise is still attractive. According to Johnson, making one post-emergence application of N is usually enough to boost crop yields 10-15 percent — even on high-fertility soils. A post-emergence application also lets farmers adjust their N rate to the quality of their stand. In a good year, it may pay to apply more N than was originally planned. Other nutrients, such as sulfur or zinc, also may be needed.

What's the best time for post-emergence applications of N?

Rescue treatment

Farmers making rescue treatments will have to get into the fields as soon as possible to correct the N deficiency and prevent further yield loss. However, farmers who plan on making a post-emergence application can usually be more flexible. They can also do the job for less money.

To save a trip across the field, most corn growers will band N when they cultivate or apply a post-emergence herbicide. Other farmers will make a special trip because the economic returns of a split application make it worthwhile.

"If you have a choice, and if you're only going to be making one post-emergence application, the ideal time to do it would be at the eight- to 10-leaf stage of crop development," Johnson says. "That's when the crop is on the threshold of its peak demand period for N."

How Much and When?

How much N should corn growers save for post-emergence application?

Making a 70/30 or 60/40 split of preplant and post-emergence N is the most practical program for farmers with medium-textured soils, Johnson says. "This way, if rain or something else prevents you from getting into your fields on schedule, you'll still have enough N in the soil to support the crop for awhile," he explains.

But the groundrules change on soils that are prone to N deficiency. These include coarse-textured sandy soils, where N can be leached, and fine-textured heavy soils with poor drainage, where N can be lost to denitrification.

"On these high-risk soils, you're better off reversing the formula and applying 60-70 percent of your N after crop emergence," Johnson says.

Develop contigency

Knowing that rain could prevent them from making that second application on time, most corn growers are reluctant to save that much N for post-emergence application. But Johnson discounts this concern.

"If it's too wet to get into the field to apply N, then it's also probably too wet for your preplant N to be very effective," he says. "Most of it probably left the soil. So either way, your crop could run short of nitrogen."

To make sure the crop gets enough N, Johnson suggests developing two or three contingency plans. "If the crop is hurting, then you may have to fly on a little N to nurse the crop through the stress period," he says.

He recommends using a high quality N solution with low free ammonia to minimize fertilizer burn. Farmers should consult their fertilizer dealer or extension specialist about application rates and precautions. Using a nitrogen-based foliar fertilizer, such as NZN (15-0-0-5Zn), NMG (14-0-0-4Mg) or NFE (16-0-0-4Fe), is still another alternative. These materials were designed for foliar application.

Farmers saving the bulk of their N for post-emergence application should also have access to a high-clearance sprayer, Johnson says. "If rain sets you back, the crop may be too tall to put on the N with a cultivator," he says. "Using a high-clearance sprayer doesn't present any problems, but you should know ahead of time where you can rent or borrow one. Don't wait until the last minute."

Post-emergence applications of nitrogen can be made as late as tasseling time and still produce a good return on investment, Johnson says.

Replenish losses

As mentioned earlier, not all post-emergence applications of N are planned in advance. In wet seasons, many corn growers are forced to make rescue treatments to replenish N lost to leaching or denitrification.

How much N should these farmers apply?

In states where N losses have been a recurring problem, a few extension services have developed soil maps that indicate potential N losses with respect to amount and frequency of rainfall. The University of Illinois is one example.

Farmers in most other states, however, have to rely on guesswork. In these situations, a good benchmark would be 50 pounds N per acre, Johnson says.

"A 50-pound shot of N will have a nice effect on the crop and get it back on track," Johnson explains. "Your crop may only need 40 pounds, or it may need 60. But a 50-pound rate is a good ballpark figure to use. If you find you need more, you can always make another application or rely on a foliar fertilizer to fill the gap."

Spot Treatments

Spot treating problem areas is another option, though it will usually pay to apply additional N to the entire field, John says. "Generally, if one section of a field is short on nitrogen, the entire field could probably benefit from additional N fertilizer," he says. "You might get a 30-bushel increase here and only a 10-bushel response there, but overall it should be a good investment. A compromise would be to adjust your N rate as you go along."

Any type of N fertilizer can be applied after crop emergence. "Nitrate N is what you lost, so you ought to put a little back," Johnson reasons. "It's readily available to the crop and will go to work right away."

But other forms of N, such as ammonia and urea, are also desirable. "That time of year, ammonia and urea will break down into the nitrate form five to eight days after application. By using a combination of all three

(Turn to Page D7)

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8 Pa. bulls go to ABS

DE FOREST, Wisc. — Eight more young Holstein bulls from Pennsylvania have been selected by American Breeders Service for the Progeny Testing Program.

The Pa. Bulls, which have been moved to company facilities at DeForest, Wisc., join some 170 other bulls being tested this year. The Pa. Bulls include:

—Two from Walebe Farms, Collegeville, Walebe Centerfold-ET, bred by Earl Waltmyer, and Walebe Viking.

Mowry Sexy Idea, bred by Ken Mowry, of Roaring Spring.

Holler-View Dyno Morris, bred by James Holler, of Jamestown.

Lambert Farms Boulder-ET, bred by Lambert Farms, of Dushore.

Chateau-Ridge Milkmaster Bonus, bred by Dale Hoffman, of Bloomsburg.

Campbell-Hollow Columb King-ET, bred by Van Cornish, of Dayton.

Hickorymea Jay P., bred by Edwin T. Johnson, Jr., of Airville.

Walebe Centerfold-ET is the result of a mating between Ecraso Rocket Eric, +$224, +2,128M and +46BF Quietcove Matt Cinderella. His dam has production records to 35,710 lbs. of milk, with a Cow Index of +1,535M. She is classified EX-95 and is sired by No-Na-Me Fond Matt.

Walebe Viking is the result of a mating between Sweet-Haven Tradition, +$248, +2,154M and +59BF and Rudmar Glendell Violetta. His dam has production records to 30,270 lbs. of milk, with a Cow Index of +1,504M. She is classified EX-90 and is sired by Glendell Arlinda Chief.

Mowry Sexy Idea is the result of a mating between Ocean-View Sexation, +$200, +1,407M and +61BF and Luth-R-Le Glendell Idea. His dam has production records to 25,900 lbs. of milk, with a Cow Index of +1,664M. She is classified VG-85 and is sired by Glendell Arlinda Chief.

Holler-View Dyno Morris is the result of a mating between Donacres Dynamo-Twin, +232, +1,951M and +58BF and Holler-View Marc Molly. His dam has production records to 16,250 lbs. of milk, with a Cow Index of +2,206M. She is classified VG-86 and is sired by Holler-View Elevation Marc.

Lambert-Farms Boulder-ET is the result of a mating between S-W-D Valiant, +$279, +2,235M and +74BF and Lamberts Elevation Rush Bess. His dam has production records to 25,880 lbs. of milk, with a Cow Index of +1,479M. She is classified VG-89 and is sired by Round Oak Rag Apple Elevation.

Chateau-Ridge Milkmaster Bonus is the result of a mating between Gil-Tex-B Milkmaster-Twin, +$201, +1,540M and +56BF and Chateau-Ridge Elev Brac-Twin. His dam has production records to 31,460 lbs. of milk, with a Cow Index of +1,563M. She is classified EX-90 and is sired by Round Oak Rag Apple Elevation.

Campbell-Hollow Columb King-ET is the result of a mating between Leadfield Columbus-ET, +$297, +2,596M and +70BF and Campbell-Hollow Gay Kris. His dam has production records to 21,490 lbs. of milk, with a Cow Index of +1,583M. She is classified EX-90 and is sired by Harrisburg Gay Ideal.

Hickorymea Jay P is the result of a mating between Sweet-Haven Tradition, +$248, +2,154M and +59BF and Hickorymea Sunny Jolly P. His dam has production records to 19,600 lbs. of milk, with a Cow Index of +395M. She is classified VG-85 and is sired by Collins-Crest Sunshine Chief.

Penn State gets tobacco grant

LANDISVILLE — R.J. Reynolds Tobacco Company has presented Penn State with a fit of $5,000 for tobacco production research.

The funds will be used for projects in plant breeding, measuring and nutrient content of manure applied to tobacco fields, determination of objective characteristics that indicate superior leaf for chewing tobaccos, and determining the effect of maturity on chewing tobacco quality.

A.R. Mitchem, Senior Agricultural R&D Coordinator for Reynolds Tobacco, presented the check for the gift to John O. Yocum, senior research associate and superintendent of the Southeastern Field Research Laboratory.

R.J. Reynolds contributions to tobacco research, extension, and education at Penn State have totaled $51,350 since 1979. Since 1962, R.D. Reynolds gifts to land grand universities for tobacco production research, extension, and education have totaled $4,362,774.

Type of feed affects buffers

MINNEAPOLIS, MN. — The type of feed, and not just the forage-to-concentrate ratio, affects response from buffering ingredients, a leading dairy nutritionist reported recently.

Speaking at the Buffers, Neutralizers and Electrolytes Symposium sponsored by the National Feed Ingredients Association (NFIA), Jimmy Clark of the University of Illinois said that buffers like sodium bicarbonate were first thought to be effective only when high levels of concentrate were fed in diary rations. More recent research suggests buffer response is also affected by feed particle size and whether the forage is fermented or unfermented.

The move toward greater amounts of chopped forages and use of complete, blended rations has reduced the particle size of many dairy cows' diets, Clark explained.

"Reduction in particle size of the diet markedly reduces the amount of saliva secreted and hence the buffering capacity of the ruminal contents," Clark said. Several experiments have shown that feeding finely chopped or ground forage reduces butterfat production, compared to feeding a coarse or long forage. Sodium bicarbonate fed at .75 to .8 percent dry matter can help maintain normal butterfat production when particle size is reduced by chopping or grinding.

Fermented forages also increase the need for buffering, Clark said, because they increase the "acid load" on the animal. He cited Penn State research with sodium bicarbonate fed at 1.2 percent of the dry matter in a ration of 75 percent corn silage and 25 percent concentrate. A beneficial response to bicarb in that study was partially due to bicarb's neutralizing effect on the acids present in the silage. Bicarb also counteracted acids produced when the silage further fermented in the rumen, he said.

In conclusion, Clark called for dairy researchers to routinely measure the mean particle size of rations when studying buffer response.

"To make effective use of buffers in the future, we must pay more attention to such factors as acid load imposed on the animal and the physical and chemical properties of the diet," he said.

Nitrogen

(Continued from Page D6)

forms, more N will be available to the crop at the crucial seed-filling stage," Johnson says.

Three-In-One Nitrogen

For this reason, Johnson favors the use of urea-ammonium nitrate (UAN) solutions. "A UAN solution contains all three forms," he explains. "The fertilizer itself will help 'spoon feed' the crop."

UAN Solutions, available in 28%, 30% and 32% formulations, also provide more versatility, he says. They can be dribbled near the base of the plant, close to the root zone. "As long as you get some rain within four or five days of application, you can leave the fertilizer on the surface without mixing or knifing it into the soil," Johnson says. "That's an important consideration if you're on a conservation tillage program."

Nonetheless, Johnson says placing UAN solutions two to three inches deep is the best method of application. This can be done by dribbling the solution ahead of the cultivator.

Another factor favoring the use of UAN solutions is the possible need to correct unexpected nutrient deficiencies. A prescription mix of nitrogen and other needed nutrients can be applied together without using two separate application rigs, he says.

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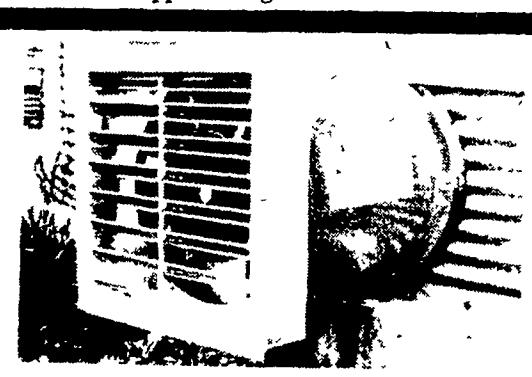

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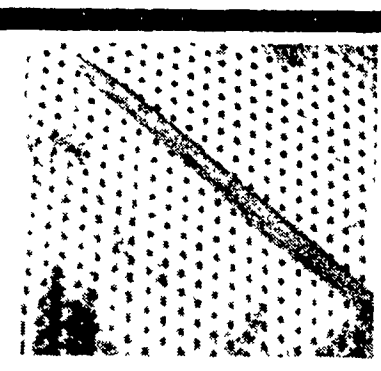

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Dow supports 'No-Till' Center

MIDLAND, Mich. — Dow Chemical has announced its award of a $50,000 grant to accelerate development of the Conservation Tillage Information Center.

A Dow spokesman said the grant was intended to maintain the Center's momentum in growth, draw wider attention to the Center and stimulate greater interest in conservation tillage.

Conservation tillage is defined as those farming methods that maintain adequate plant cover on the land to conserve soil and water while enhancing the economic vitality of agriculture.

"The Center is at a particularly crucial stage," according to Richard Foell, chairman of the Center's Executive Committee. "We discovered that the Center ran the risk of being overwhelmed by success.

"Response to the Center has been so positive that we have found it difficult to assemble the staff and data resources as rapidly as demand requires," said Foell. "The Dow contribution will give us the boost we need!"

In commenting on the grant, Dow's director of Public Affairs for Agriculture Ray Russell said, "Staffing, promotion and other start-up activities at the Center have moved at an astonishing rate for a new group like this one. The Center clearly merits funding, which is essential for it to maintain momentum and credibility.

"We see the Center as the only national focal point for information on conservation tillage practices."

Agribusiness interests, several government agencies, the Joyce Foundation and several associations, especially the National Association of Conservation Districts, founded the Center this past January. Its purpose is to gather and disseminate information that will encourage a better understanding and a more effective use of conservation tillage on American farms. The Center has offices in Washington, D.C., and Ft. Wayne, Indiana.

"Few organizations can claim as high a degree of successful involvement by government, industry and non-profit interests in its operation," Russell said. "Yet, even more business and farmer participation will have to be established to assure its continuing success."

Farm Credit promotes 2

BALTIMORE — The Farm Credit Banks of Baltimore, the area's leading agricultural lending institution, has announced the promotion of Jan Eliassen to Assistant Vice President-Association Services and Donald H. Whitehead, Jr., to Director of Marketing.

Eliassen, who received his bachelor's degree from the University of Maryland, joined the Banks as Assistant Director of Public Relations/Marketing in June 1977. He was promoted to Director of Marketing in 1980, and named Assistant Vice President and Director of Marketing in 1981.

Whitehead received his bachelor's degree from Catawba College, and joined the Banks' affiliated Central Valley Farm Credit Associations in 1979 as Marketing Manager. He joined the Banks' staff as Assistant Director of Marketing in 1981. Whitehead currently serves as president-elect of the Chesapeake Chapter of the National Agri Marketing Association.

Farm Credit promotes Davolos

BALTIMORE — The Farm Credit Banks of Baltimore, the area's leading agricultural lending institution, has announced the promotion of Paul A. Davolos to Assistant Vice President, Association Supervision.

Davolos, a graduate of the University of Delaware, began his Farm Credit career in 1976 as a Field Representative with the Banks affiliated Delaware Farm Credit Associations. Between 1977 and 1979 and he held the positions of Loan Officer, Senior Loan Officer/Marketing Manager. In 1979, he was promoted to Regional Assistant Vice President.

Before joining the Banks, Davolos served as the Assistant Manager of two Southern States Coop Stores.

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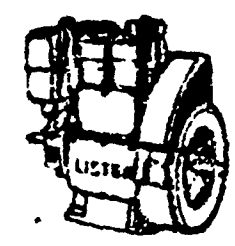

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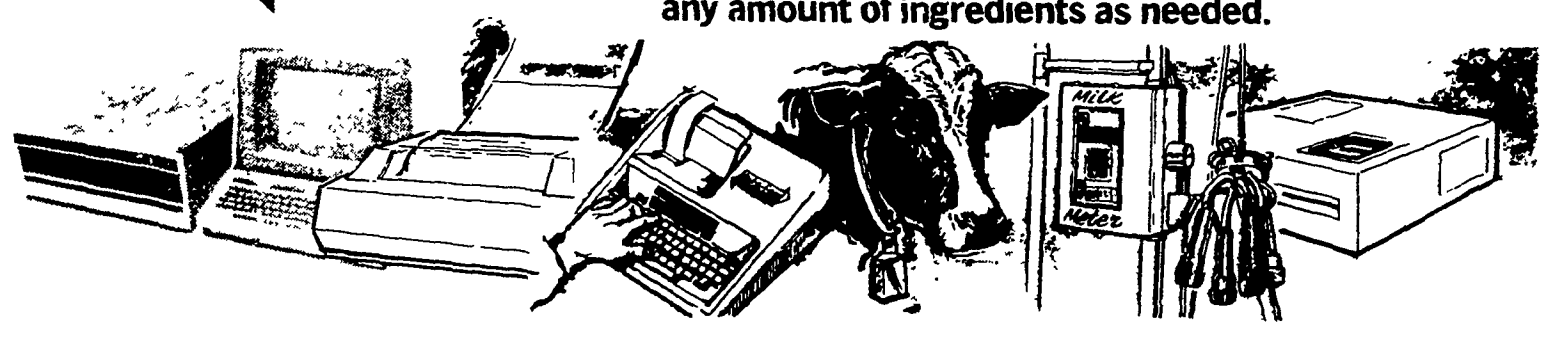

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Publication on wheat research available

BELTSVILLE, Md. — Last October, 200 top scientists, wheat growers, and agribusiness leaders gathered at the U.S. Department of Agriculture research center here to review national goals for wheat research in the 1980's.

The first National Wheat Research Conference Proceedings are now available. Published by the nonprofit National Association of Wheat Growers (NAWG) Foundation in cooperation with the USDA Agricultural Research Service (ARS) and the National Wheat Improvement Committee, the Proceedings are a highly comprehensive summary of current and future wheat research programs.

The 200-page publication includes presentations by such leading scientists as Byrd C. Curtis, director of Wheat Improvement, International Maize and Wheat Improvement Center El Batan, Mexico; Terry B. Kinney Jr., Administrator, ARS, USDA; and Richard Baldwin, Executive Director for Research, Cargill, Inc., Minneapolis, Minnesota. Papers by many other distinguished public and private sector scientists are included.

The Proceedings will be of interest to researchers and others involved in current and future wheat research programs. Subject areas include

— Budget development for future wheat research;

— Soil, tillage, conservation and cultural practices;

— Wheat germplasm and its importance for the future;

— Chemical and biological control of weeds, diseases, and insects in wheat;

— Hybrid wheat and progress in use of growth regulators;

— Breeding tolerance to drought, heat, and cold; and

— Breeding for wheat quality and end product use.

The Processing are available for $17.50 from the NAWG Foundation, Suite 300, 415 Second Street, N.E., Washington, D.C. 20002. Checks should be made payable to the "NAWG Foundation."

Workman gets soybean post

NEWARK, Del. — A 34-year-old Georgetown farmer has become the newest member of the Delaware Soybean Board.

Mary Workman collected the most votes in Sussex County winning a 3-year term on the board.

In New Castle County, William Cross was re-elected, and in Kent County Olin Gooden was returned for another term.

About 10 percent of the states 3,700 soybean producers returned their ballots during the recent election, according to Soybean Board Chairman John Hastings.

This year, the Delaware Soybean Board is providing funds for eleven market development and research projects that directly benefit Delaware producers. The funds are collected through a check-off system, that enables farmers to finance their own self help programs. A total of $59,500. was granted for projects in 1983.

Wenger introduces Octorara scenic bill

HARRISBURG — Sen. Noah W. Wenger, R-36, has introduced legislation that would bring 26.5 miles of the Octoraro Creek and its tributaries under the Pennsylvania Scenic Rivers System.

"The Octoraro, which flows through Lancaster and Chester counties before reaching the Maryland state line, is one of the most scenic streams in our sate," Wenger said. "It is also important from historic and geologic standpoints."

"Designation as a scenic river will help us protect this great natural resource and preserve its beauty for the benefit of future Pennsylvanians."

Wenger said that the Department of Environmental Resources (DER) recently completed an extensive study of the Octoraro and its significance.

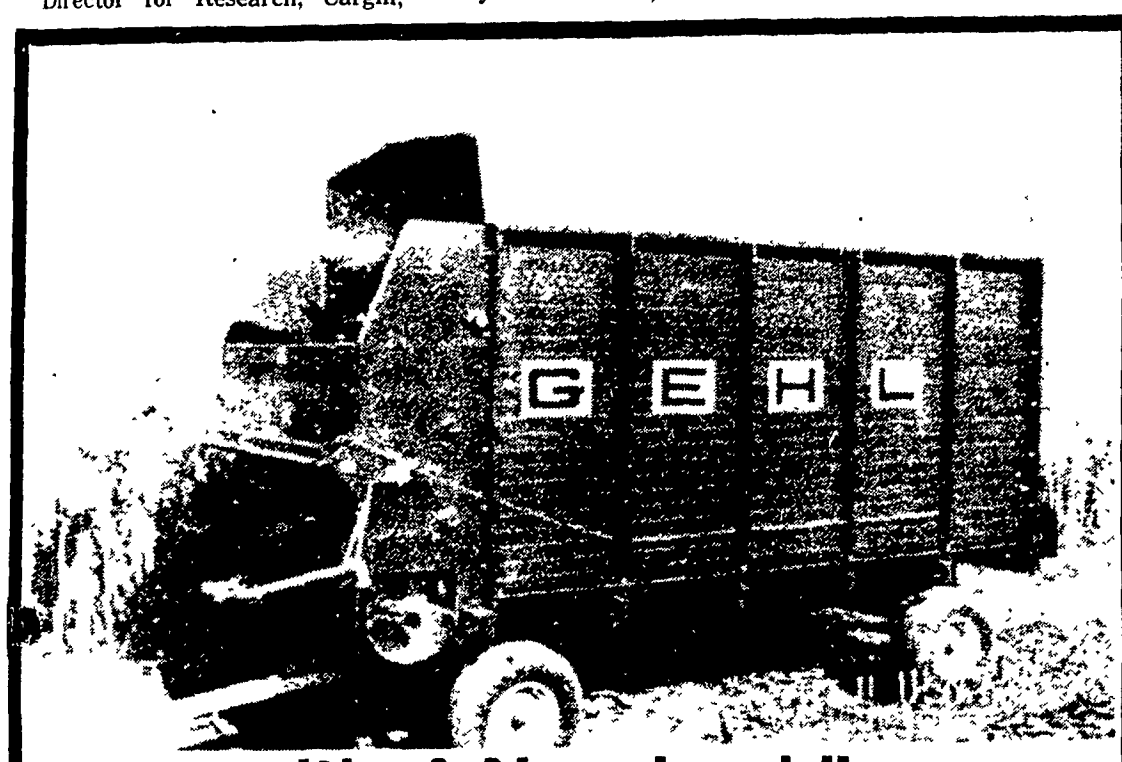
The study cited the fact that the watershed embraced some of the state's most valuable and productive farmland. Four covered bridges, all of which are on the National Register of Historic places, span its waters. And nearby is the former Woods Chromite Mine, which was once the source of almost all of the world's chrome ore.

"For these and many other reasons, the Octoraro has been given top priority as a candidate for the scenic rivers system," Wenger said. "The idea also received a big boost from the Lancaster County Planning Commission, agricultural and environmental organizations, and other individuals and groups," he noted.

To earn a place in the state's scenic river system, a stream must have unusual qualities in at least one of five basic classifications, Wenger said. The Octoraro rated "outstanding" in both the scenic and pastoral categories.

The lawmaker said the bill authorizing the Octoraro's designation will assure the free-flowing character of the stream. "No dams will be permitted, and all state agencies will be required to do whatever they can to conserve and protect its pastoral and scenic qualities and its historic character," he said.

He emphasized that the scenic river designation will not affect existing property rights. Landowners will be free to use their land as they wish, although they will be encouraged to follow practices in keeping with the scenic river guidelines.



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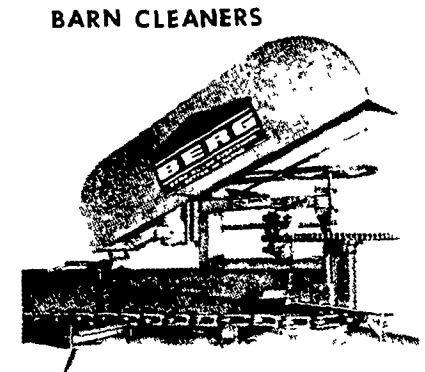

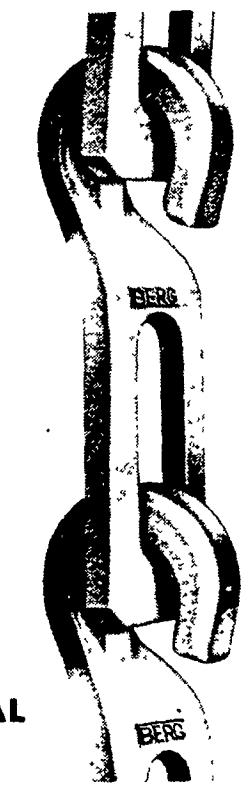

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The Dairy Business

By Newton Bair

The Golden Goose

Remember the childhood fable of the goose that laid golden eggs? As long as the owner of the goose was kind, generous, helpful and not greedy or selfish, he was rewarded with a golden egg. Later, in his overzealous haste to garner riches as fast as possible, he slaughtered the goose to get at the source of the wealth. Results — no more eggs.

Dairy farmers probably don't have such a goose, unless we liken the Commodity Credit Corporation price support program to the golden eggs. Within the past seven or eight years, the CCC has handed out increasingly larger amounts of gold in the form of price supports for our milk. Every time we got an egg we invested more in the production of more milk, for which the Government Goose has to lay out more gold. Unfortunately, the creature's feathers are ruffeled and sticky from swimming in a sea of dairy products. It is in danger of either suffocating or slaughter by Legislation. Is there any way to save the Golden Goose?

It's pretty hard to predict whether the Congress will choose to wield the axe on the chopping block, or to simply do some delicate surgery. We are going to see them try all kinds of corrective cutting and doctoring of the Goose-that is, the legislation that created it. The fifty cent per hundred penalty is just one form of surgery that was planned to cure the foundering Fowl. Most of us doubt that paying that kind of penalty will save it. On the other hand, we would not like to see the axe fall, killing the Goose forever.

How to Save The Goose

Now, boys and girls, there is no completely painless way to cure a belly ache. Any medicine is bound to taste bad, but if the problem can be treated, the relief is tremendous.

Trying to cure the milk surplus by reducing production is extremely unpopular, and not very likely to work without causing great harm to many individuals in the industry. We certainly can't simply put half of the dairymen (or dairy cows) out of production without serious damage to the economy and health of the nation. The health and well-being of the entire U.S.A., economically and physically, benefits greatly from a strong dairy industry and increased use of dairy products.

Sell-Sell-Sell

So, here's the pitch. Get on the band wagon now to sell, promote, use, advertise, pitch, and con as many people into buying, drinking, eating, enjoying and relishing milk and all the other goodies made from it. How? Don't be afraid to be heard or seen as a VENDOR of milk. Spend a little money to convince the public that they NEED MILK, WANT MILK, LIKE MILK.

How often are your ears and eyes bombarded with jingles and pictures that absolutely convince you that you can't live without Coke, Tab, McDonaldburgers and Michelobs? If you hadn't heard or seen the radio, TV or billboards advertising them how would you know you need them? Believe me, Those ads cost big bucks, but they return even bigger bucks to the advertiser.

Take a cue from the richest and most successful merchandisers. They can sell all kinds of junk, simply by telling you repeatedly that you want it or need it. You have something really good to sell. Not only good for everyone but essential to their health and just plain fun to guzzle in quantity.

Members of the Young Farmers Associations in Lebanon County are embarking on an advertising campaign this month. For only $20.00 a month, a dairyman can sponsor three ads a day, every day, promoting milk on the Radio. For a 50-cow herd, that adds up to less than three cents a hundredweight out of the milk check. That's pretty small compared to the fifty cents you pay to save the Golden Goose!

Many dairymen object to generic advertising of milk. I personally think that this is the kind of narrow attitude which prevents progress in the promotion and consumption of more dairy products. We need to promote and advertise milk in every way we can, whether it is for the whole industry or our own little segment of it.

Drowning in milk is just one way to kill the Golden Goose. Another way is to let it die of neglect, which is a slow and painful way, and may take a lot of innocent people along with it.

Meat producer fined for bribing inspector

WASHINGTON, D.C. — Thomas J. Burke, president of Great American Veal, Inc., Newark, N.J., has been found guilty of 23 counts of supplementing the income of a U.S. Department of Agriculture official.

Burke was fined $500 and sentenced to three years probation on each of the 23 counts, by the United States District Court, Newark, N.J.

In late 1978, Michael Gabriel — a veterinarian with USDA's Food Safety and Inspection Service — reported to USDA's Office of Inspector General that Burke was offering him funds to relax the enforcement of USDA requirements. After reporting the incident, the Office of the Inspector General instructed Gabriel to accept payment so that evidence could be gathered to support a criminal action.

The payments amounted to over $5,000 during a year and half period. However, Gabriel ensured that no unwholesome meat ever entered the food supply. Gabriel recently received USDA's Special Achievement Award for his role in aiding the investigation.

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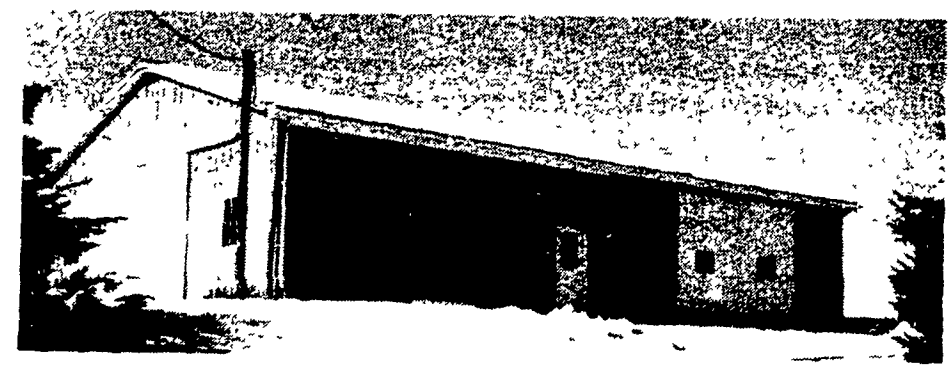
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Huntingdon County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

May 1983

The following herds had rolling herd averages above 650 pounds of butterfat:

OWNER	BREED	NO. COWS	COW DAYS IN MILK	LBS. MILK	FAT LBS.
Evergreen Farm No. 3	B3	396.5	85.1	17,895	728
Daland Farms	3	95 8	87.6	19,742	719
Branstetter Farms	B3	55.5	89.0	18,928	686
J Frederick Kyper	B3	32.5	87.5	17,745	674
Gerald McMath	3	70.2	89.5	19,454	674
Behrer Farms	B3	157.5	87.6	18,026	663
Edwin Steach	3	72.6	86 2	18,648	659
Gregory & Nancy Yocum	3	28.0	92 6	16,883	657
Locust Lane Farm	B3	82 8	84 2	17,493	657
Howard & Nancy Wiggins	B3	72.3	85.4	17,666	653
Gibboney Farms	3	56.0	85 4	18,235	653

OWNER NAME or NO.	BRD	AGE CALVING	DAYS IN MILK	MILK LBS.	FAT LBS.
1093	3	5-11	305	20,694	1081
1444	3	3-2	305	23,616	931
1425	3	4-6	305	22,208	897
1055	3	6-1	305	21,732	880
1148	3	6-0	298	15,405	876
1073	3	5-10	305	20,935	868
1160	3	5-1	305	21,074	817
1478	3	3-0	305	21,910	813
1283	3	4-5	305	21,337	811
1171	3	5-9	305	23,451	795
1139	3	5-3	297	16,679	792
1413	3	3-6	305	17,936	783
1456	3	3-4	305	20,097	772
694	3	9-2	305	19,044	771
1623	3	2-7	305	16,299	766
1479	3	3-9	305	19,811	761
1029	3	5-11	305	24,795	757
1294	3	4-0	305	17,616	753
Gillbrook Farms					
Roy1415	3	4-8	305	17,524	863
1534	3	5-3	305	18,635	820
Branstetter Farm					
Hana186	3	10-3	305	24,989	844
Bernice	3	3-9	305	17,304	767
Glenn Peachey					
Tillie	3	7-7	305	20,288	833
Willard Yoder					
6	3	5-6	305	19,930	833
24	3	7-3	305	21,468	781
Joseph M. McMath					
Melisa	3	6-9	305	19,592	824
Howard & Nancy Wiggin					
80Abby	3	6-10	305	19,402	821
State Correctional					
5969	3	6-4	305	19,099	802
Fred & Mary L. Treece					
77D	3	5-5	305	17,644	778
10	3	8-6	305	19,100	750

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Dauphin County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

May 1983

OWNER	BREED	NO. COWS	LBS. MILK	LBS. FAT
Restful Acres	H	87.8	21,123	738
John Hertzler	H	78.8	18,321	687
J. Melvin Brandt	H	71.0	17,395	654
Larry L. Boyer	H	25.6	17,287	642
Roy M. Brubaker	H	71.2	18,197	642
Catalpa Farms	H	128.7	18,827	630
Earl Campbell	H	54.7	16,066	627
Crissinger Dairy Farm	H	81.1	16,390	619
Robert H. Beach, Jr	H	45.8	16,289	613
Robert J. Schaffer	H	61.4	17,384	611
John Roy Book	H	67 9	16,867	610
Calvin B. Mauser	G	69.0	13,214	608
Conewago Farms	H	45.7	15,750	601
Roy C. Wilbert	H	34 4	17,384	599
J. Richard Alwine	H	57.0	16,261	599
Elwillo Farms	Mix	127.3	16,310	597
Wil-Lene Farms	H	65 2	17,461	589
Wilmer Campbell	G	63 1	13,156	587
Arthur Brandt	H	101 3	15,539	581
Mahlon L. Lehman	H	54 8	15,997	575
Stoney Lawn Farms	H	59.1	16,210	572
Lytle Farms Inc	H	99 6	16,495	570
Donald Engle	H	70 8	16,074	567
Harold M Nissley	H	44 6	17,077	565
A Grand View	H	118.4	15,745	554
Sher Mar Acres	H	46.7	14,799	552
Robert Oellig	H	37 3	14,342	548
Great View Farms	H	53 1	15,983	545
Amos Esh	H	41 3	14,957	541
Noah W Sauder	H	43 4	15,099	538
James Lesher	H	41 8	14,335	534
Dale F Faust	H	37 7	15,619	532
Oel-Dell Farms	H	38.9	14,314	523
Walter Schaffer	H	31.1	13,414	522
Floyd Feidt	Mix	69.7	13,756	519
Lauden Farms	H	157.3	14,319	518
Bryncoed Farm Jersey	J	136.0	10,501	514
Paul E. Clugston	H	94 9	14,151	512
Homer Campbell	H	85.5	13,958	511

305 day lactation records above 600 lbs. fat.

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
Calvin B. Mauser				
Hedda	8-1	14,057	4.4	621
Jewel	5-5	14,743	4.5	662
Shine	4-9	14,267	4.8	679
Peace	4-4	14,174	4.3	612
John Roy Book				
Pat	9-9	17,413	4.4	766
Crissinger Dairy Farm				
Joyce	6-7	17,362	3.6	621
Millie	3-6	17,356	3.7	639
Floyd Feidt				
Camay	3-11	18,478	3 8	697
J. Melvin Brandt				
Gloria	7-8	18,627	4.3	797
Pansy	6-3	17,159	3.7	639
Faith	5-7	20,789	3.4	708
Josie	6-3	20,441	3.3	668
Cookie	5-3	26,913	3.7	986
Teresa	5-1	19,106	3.3	623
Wilmer Campbell				
Kay	7-7	12,858	5 0	641
Poppy	5-10	13,860	4 6	644
Harold M Nissley				
Gi Gi	7-1	17,652	3.6	627
Catalpa Farms				
68	5-10	17,879	4.0	707
135	4-0	17,369	3.5	601
181	2-11	18,574	3.5	645
221	2-1	19,328	3.4	660
Stanley R. Long				
Kristy	2-6	14,738	4.2	616
Robert H. Beach, Jr				
124	5-10	17,156	3.7	637
Lauden Farms Inc.				
134	3-11	18,695	3.5	658
139	3-0	18,264	3.6	660
Great View Farms				
Teardrop	7-7	20,562	3.1	636
Marg	6-10	17,843	3.5	630
Earl Campbell				
10	6-3	18,005	4.1	730
Roy M. Brubaker				
Racheal	6-2	24,699	3.6	882
Pansy	3-8	18,430	3.7	679
Sher Mar Acres				
920	7-8	15,866	3.9	615
Wil-Lene Farms				
46	7-6	18,982	3.4	650
54	4-5	20,196	3.5	697
57	4-5	22,751	3.4	763
Roy C. Wilbert				
Lynn	3-6	24,535	3.1	762
Elsie	2-11	16,322	4.0	655
Lindy	2-11	16,243	3.9	641
Silva	2-11	19,353	3.4	666
Polly	3-0	15,317	4.7	727
Hildy	2-0	15,263	4.2	637

(Turn to Page D14)

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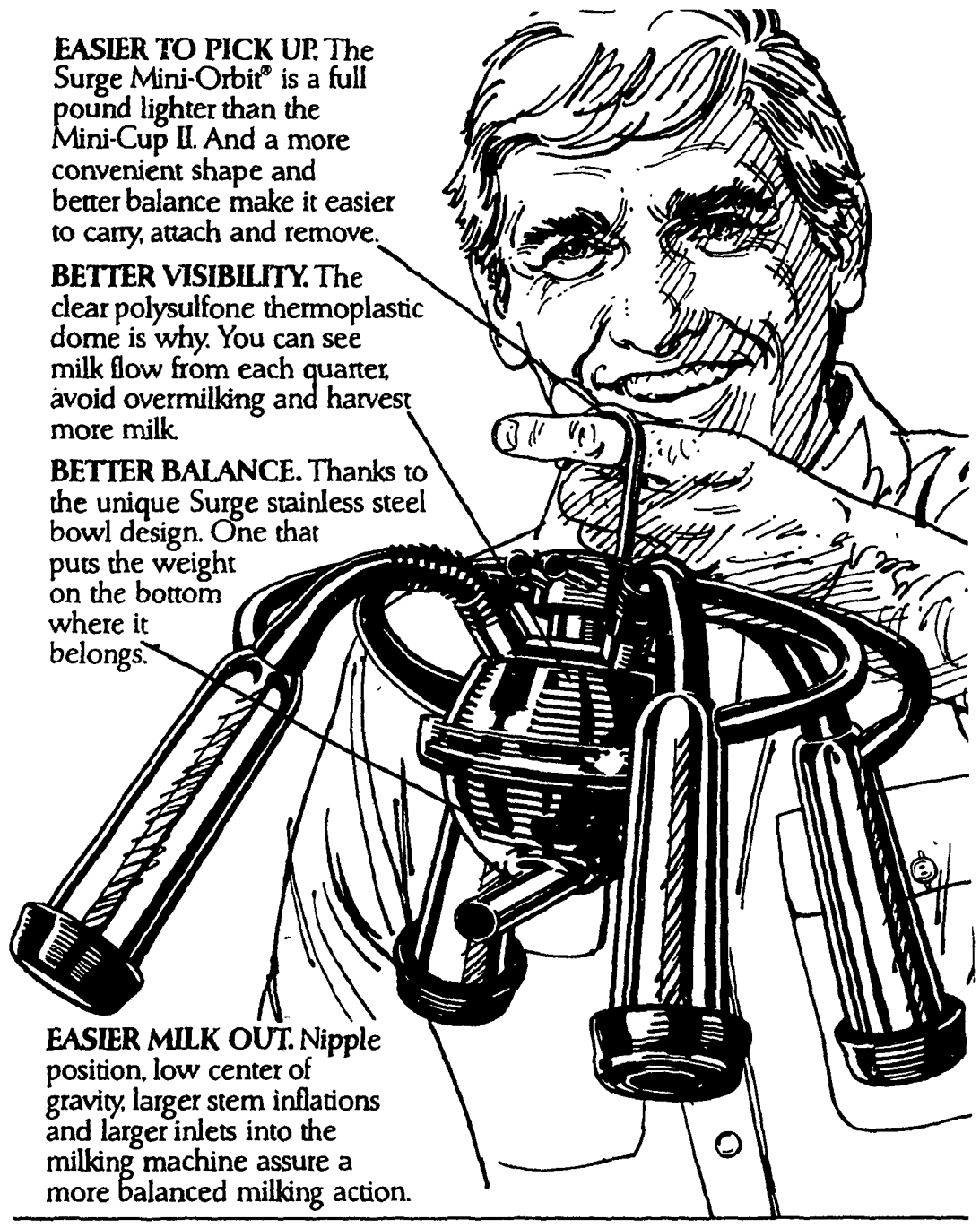

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Turnips & other Brassicas provide new forage

UNIVERSITY PARK — Conservation tillage has revitalized the use of turnips and some other related crops as new forage crops, according to a U.S. Department of Agriculture agronomist.

The use of this high-yielding, nutritious, and highly digestible new forage was reported by Gerald A. Jung this month in the Journal of Soil and Water Conservation's special issue on conservation tillage.

With conservation tillage, turnips are planted directly into the sod of an existing pasture. Since the roots of forage turnips grow mostly above the ground, it is easy for the animals to serve themselves, said Jung of USDA's Agricultural Research Service.

No new crop, turnips were brought to the U.S. by early settlers from Europe who knew the value of this crop as an animal feed. But the labor required for planting and hand-harvesting caused farmers of the early 1900's to replace turnips with less labor-intensive animal feed, like corn silage.

Shifting from pasture to row crops causes a significant increase in erosion. By improving the efficiency of pasture lands, this new forage may prevent future conversion of pasture lands into use for row crops like corn.

Forage turnips can be grazed in all kinds of weather, said Jung, since the sod remaining between the turnip rows prevents soil compaction. Also, turnips retain their nutritional value long after cool-season grasses have reached their peak. "Animals can graze turnips until December" Jung said.

Turnips are related to several other members of the Brassica family that are also under study at USDA's U.S. Regional Pasture Research Laboratory. The list includes rape, kale and rutabagas (also called swedes).

Brassica crops are about 85% to 95% digestible by farm animals, as predicted by standard laboratory tests. This compares favorably to the digestibility of good alfalfa at 70%, according to Jung.

Rutabagas and kale reach yields of over six tons of dry matter per acre in 180 days. Turnips and rape produce as much as four tons (dry weight) per acre in ninety days, and they can be harvested twice a year — in August and November. With good management, one acre of 90-day-old turnips will support 20 sheep for 50 days, Jung said.

Since Brassica crops do not compete well with grasses, an application of herbicide is necessary to make the sod dormant for a few weeks until the crop gets started. Herbicides, such as paraquat or glyphosate, used in early August for establishing turnips and rape for fall harvesting had no apparent carry-over effects on the growth of the sod the next spring. Fertilizer application is also necessary to produce high yields.

The high nutritional value of the Brassicas makes them desirable as an animal forage. Rape and kale leaves contain up to 25% protein, and the stems contain about 10%. Turnip and rutabagas have about 13% protein in the leaves, and up about 8% protein in the roots.

The mineral content of the Brassica crops is higher than most grasses. The leaves of Brassica plants have high concentrations of magnesium, sodium, iron, manganese, and zinc. One element that may be deficient is copper.

Further research at the U.S. Regional Pasture Research Laboratory by David Gustine, will determine if goitrogenic substances are present in Brassica crops.

Jung and his colleague Robert A. Byers, also with USDA's Pasture Laboratory, working with Willis L. McClellan and Lynn D. Hoffman of Penn State have successfully grown Brassica crops in the hill lands of Pennsylvania, West Virginia, Ohio and Illinois. These crops are also considered to have good potential for central Washington and northern Oregon, according to Jung.

DVC holds research session

DOYLESTOWN — A joint meeting of the Northeast regions of the American Dairy Science Association and the American Society of animal Science was held recently at Delaware Valley College. The 200 members in attendance came from an area that stretched from Canada to West Virginia.

The members are all animal or dairy scientists who are actively engaged in research, extension or education in the animal and dairy science fields. Most of the two-day session was spent in listening to technical research papers and attending a symposium of metabolism.

Highlight of the meeting was the awards banquet. Members and their guests were welcomed to the college by Joshua Feldstein, President of DVC. Principal speaker was H. Louis Moore, Penn State Agricultural Economist.

In his remarks, Moore said, "We don't have all the answers in marketing." He mentioned the PIK program which has driven corn prices up in the last several months; said that he sees no downturn in the milk supply, and also said the Russians have only agreed to talk to the U.S. on grain sales.

"We don't know what's going to happen," he said. "Farmers are increasingly critical of the marketing system in this country, because their share of the consumer dollar is going down. In 1980, it was 38 percent, in March 1983, it was 31 percent."

Moore also said that the more highly processed a product is, the less the farmer is going to get. He said, "Farmers are reluctant to spend any money on marketing. Rather than invest heavily with their own money, they join co-ops, and then tend to expect the government and the processors to bail them out if the going gets tough."

He said very few people get involved in marketing changes unless there's something in it for them. "Farmers want to hold all the cards," he said.

In closing, Moore said, "Don't look for any big changes in marketing. In the long run, efficient production, advertising and promotion will help the farmer."

In the graduate student competition, first place went to Cathy Gust, PhD candidate in reproductive physiology from West Virginia University. Second place went to Ken Kephart, PhD in Animal Industry, Penn State, and third place to Chuck Curtis, PhD candidate in Veterinary Medicine and Epidemiology from Cornell-H.S.

Dauphin Co. DHIA

(Continued from Page D12)

A Grand View				
5	7-8	16,011	3.8	611
40	5-8	20,695	3 6	736
72	5-8	20,381	3.8	781
Noah W Sauder				
29	6-8	19,387	3 6	691
52	5-9	16,429	4.0	656
Walebe Hyvue Dauphin				
Nan	9-11	20,023	4.2	838
103	10-2	15,740	4 7	736
83	8-1	18,734	3 4	637
166-R	3-3	14,419	4 3	618
167	3-7	19,858	3 7	731

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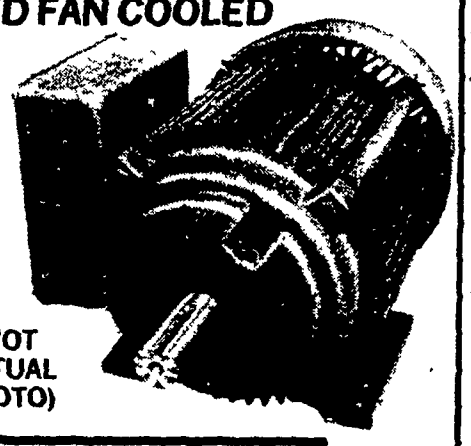

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World meat demand brightest in Japan

NASHVILLE, Tenn. — The outlook for increased meat demand is brighter in Japan and developing nations than in the United States and Europe, according to speakers at the recent Fifth World Meat and Livestock Marketing Congress, held here.

In the U.S., declining beef consumption will not be halted unless the livestock and meat industry takes specific action, said Dr. W. Wayne Talarzyk, professor of marketing at Ohio State University.

Future U.S. consumers will have money to spend on meat, but beef consumption will decline throughout this decade and into the 1990s "unless we more effectively segment our market," he said.

Appearing with Talarzyk to discuss "World Demand for Meat" were Toshio Kanai, chief North American representative of Japan's Livestock Industry Promotion Corporation; Jacques Belay, director of GIRA, a Swiss agricultural marketing and research firm, and Wolfgang Krostitz, with the livestock and dairy commodities division of the Food and Agriculture Organization, Rome.

Kanai said Japanese meat consumption per capita will increase from 22,5 kilograms in 1981, to 26-28 kilograms in 1990. Beef consumption should rise 30-40 percent by 1990, and chicken and pork consumption 10-15 percent, he said.

Kanai cautioned that despite this significant increase, it is doubtful that Japanese meat consumption will increase to the level of Western nations. Today Japan's per capita meat consumption is about one-third of levels in the U.S. and France, and about 40 percent of totals in the United Kingdom.

Increased meat consumption will not change the basic Japanese dietary pattern, Kanai said. Carbohydrates are obtained mainly from rice, other grains, and vegetable oil. Protein comes mainly from fish, followed by livestock products, beans and grains.

With nearly three-quarters of the world's population of 4½ billion, the developing countries offer more potential for increased meat consumption than the developed nations, Krostitz said.

Pork is the most popular meat consumed in developing countries, with the exception of the Islamic countries, followed by poultry. Since most developing nations are trying to expand their pork and poultry output, the growth import should be beef, he said.

In these countries meat demand will respond quickly to rises in income, as well as to continued growth in population. Another factor in increased meat demand will be "continued urbanization and 'westernization' of livestyles," Krostitz said.

In early 1983, a study presented to the FAO Intergovernmental Group on Meat projected that total demand for meat in the developing countries would rise from an actual consumption of 52 million tons in 1980 to 73 million tons by 1990. "Meat is among the most popular foods in the developing regions," he said.

Turning to European nations, Belay said poultry consumption in the European Economic Community (EEC) should rise six percent per year through 1990, compared with a 1.7 percent increase in beef.

Poultry's main advantage over beef is in terms of price, he said. Through 1990, GIRA projects that world beef consumption will be 30 percent higher than in 1977, but beef's share of total consumption should decline slightly because of its price disadvantage, compared with poultry.

For beef to maintain and consolidate its position in the meat market, and to regain its market share, its price relative to other meat must decline; more diverse beef products must be created, and the quality of beef must become more consistent, he said.

Like their American counterparts, Europeans are becoming more "nutritionally aware," and "beef is well-positioned to benefit from this development," he said. Europeans are also concerned with quality and convenience in preparation.

The ability to segment these various markets "will depend on our willingness to develop strategic plans for each of our industries," he said. Strategic planning involves two questions, he said: are we doing things right, and are we doing the right things.

The theme of this year's Congress was "Building World Trade." Approximately 1,000 registrants — including representatives of almost 30 countries — attended the five program session.

The Congress, conducted from June 14-18, was a joint effort of Livestock Merchandising Institute, Kansas City, Mo., and the International Meat Office, Madrid, Spain.

York ASCS progrms

Final certification date for corn, grain sorghum and conserving use acres is July 15, 1983. Failure to report can cause a producer to lose all program benefits and shall cause the program crop acreage to be zero for each program crop not certified for 1983. This will affect future bases.

Special office hours for July 13, 14, 15 are from 7:00 A.M. to 5:30 P.M. Visit the York County ASCS Office, 120 Pleasant Acres Road, York, Pa. to report your crops for 1983 before this deadline of July 15, 1983.

••••

Small grains for conserving use acres had to be clipped by June 27, 1983. Weeds must be controlled on conserving use acres by July 15, 1983. Seedings had to be established by June 20, 1983. Conserving use acres cannot be prepared for fall plantings until after August 15, 1983. Spot checks will be made and a penalty to program payments will be applied for failure to comply with these requirements.

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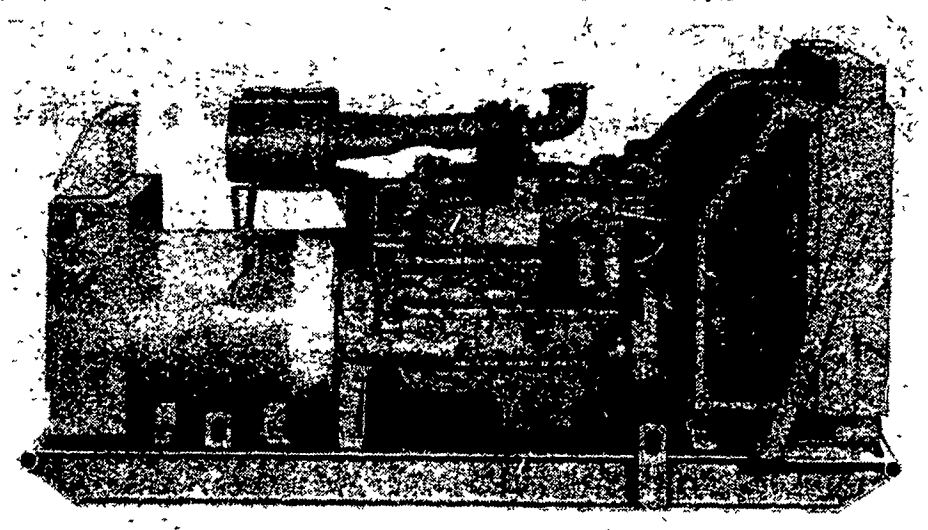

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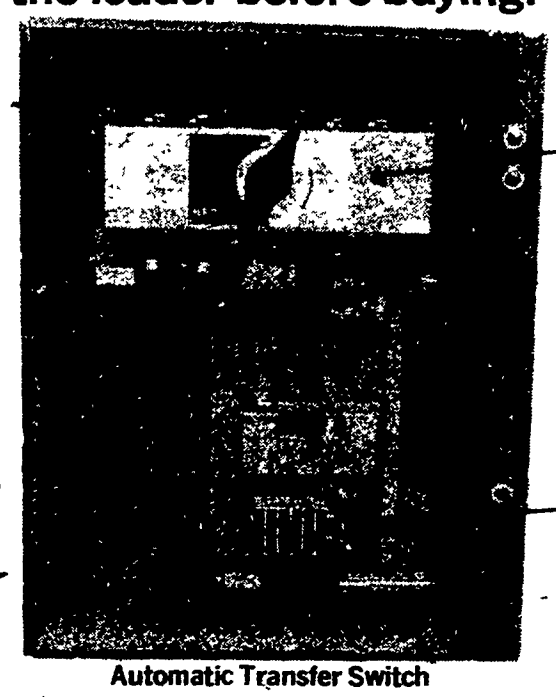

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East of New Holland, Pa.

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Two 1 ton utility trailers

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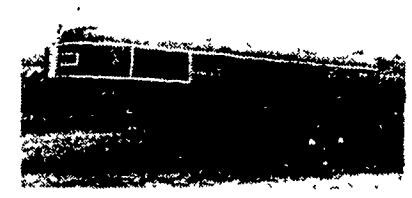

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Width	A	B	C	D	E	EE	EEEE
Size	10-14	8-15	7½-14	6-16	6½-13	6½-13	6½-13

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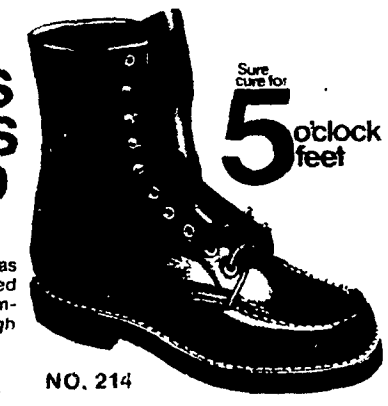

NO. 214

FOR THE FOOT HARD TO FIT!

Width	AA	A	B	C	D	E	EE	EEEE
Size	10-15	9-14	7½-16	6½-14	5-16	6-14	6-14	7-13

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Centre Co. DHIA Report

dhia Pennsylvania Dairy Herd Improvement Association

May 1983

The high herd in the Centre County D H I A for May was Valley Wide Farm. The Valley Wide herd of 77 cows had a rolling herd average of 21,063 pounds of milk and 837 pounds of butterfat with 86 9 percent days in milk.

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Richard Trinca	47	86 8	20,981	812
Richard & James Graham	102	87 8	23,007	810
Joseph Hartle, Jr	73	86 7	21,623	809
Lynn & Margaret Neer	74	88 7	20,834	782
Jay Houser	55	87 5	21,138	779
Evan & Ricky Homan	58	85 9	20,583	773
L Thomas Musser	47	87 5	18,694	769
Jesse & Mary Burkholder	42	87.2	21,357	741
Stringers Sand Ridge	66	86 9	18,605	739
John Ishler	63	88 1	19,297	734
James & Susan Howes	49	83 9	18,773	707
George & Ron Zimmerman	32	89 6	18,369	704
Thomas Boldin	55	85 2	17,900	703
Thomas & Sherry Craig	60	88 4	19,165	697
Daniel & William Boob	70	87 2	18,308	695
Rodney Reese	100	87 7	18,593	693
Bruce Ulmer	57	89 3	19,490	692
Glenn & Robin Gorrell	42	85 2	17,314	688
Reesebrook Farms	119	85 8	18,240	685
Pond Dale Farms	79	88 8	18,193	681
Paul Vonada	53	88.0	17,129	678
James N. Houtz	52	85 7	18,073	671
Gemi Feltenberger	55	85 6	17,895	670
John Devinney & Son	40	87 6	17,374	667
Tussey View Farms, Inc	95	85.7	18,125	666
L & R Hough	42	87 6	19,397	663
Dave & Cecelia Houser	52	88.1	17,412	663
Ned Deitrich	60	88.7	17,666	661
Fairbrook Farms	110	89 5	18,772	658
Franklin Rossman	52	83.7	18,314	651
Paul Hartle	40	86 3	17,673	651
Peters Farm	51	91.9	17,147	651

During the month there were 107 herds with 5,839 cows processed in the D H I A program, according to Russell C. Seward, County Agent Production ranged from a high of 67.0 pounds of milk, testing 4 0 percent fat, to a low of 25 7 pounds of milk, testing 3.9 percent fat

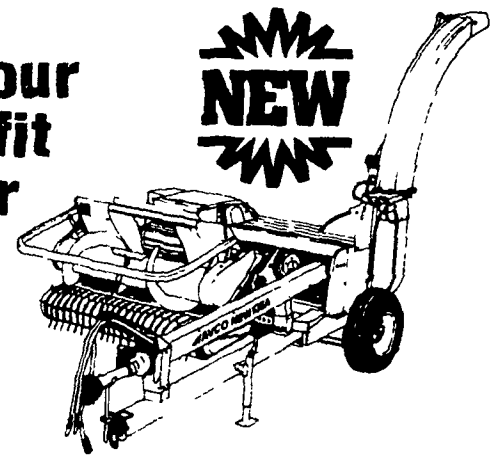
In the owner sampler program there were 16 herds with 630 cows being processed. The herds ranged from a high of 61 7 pounds of milk, testing 3.4 percent fat, to a low of 37 5 pounds of milk, testing 3.5 percent fat

The ten high individual cow actual production records in D H I A. produced on a two times a day milking in 305 days or less were in the following herds.

OWNER	LBS. MILK	% FAT	LBS. FAT
Jay Houser	26,338	4 0	1066
Valley Wide Farm	30,902	3.3	1021
Bruce Ulmer	26,767	3.6	972
Joseph Hartle, Jr	26,956	3 5	952
Mingo Meadows Farm	23,194	4 0	928
L Thomas Musser	20,652	4 4	903
Valley Wide Farm	21,000	4.3	897
Thomas & Sherry Craig	23,300	3.8	892
John Devinney & Son	20,550	4.3	891
Evan & Ricky Homan	23,631	3.7	884

Here's Your Free Profit Harvester Checklist

NEW



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- 486 Round Baler ..... $ 600
- 484 Round Baler ..... $ 400
- 272/279 Cut/Ditioner..... $ 200

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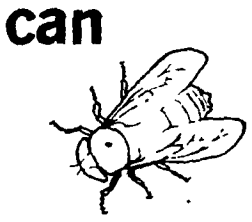

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Drip Irrigation Program Makes Money For Produce Growers

NEWARK, Del. — Equipment to lay black plastic mulch and drip irrigation tubing for vegetable crop production costs between $800 and $1,000. The expense has limited adoption of this yield-improving technology, especially by small or part-time farmers.

University of Delaware Extension vegetable specialist Ed Kee recently completed a three-year demonstration project on cooperating farms which was designed to show growers how these materials can significantly increase yields.

Using a university-owned machine, he taught 18 farmers how to install and use the plastic and drip tubing. Some who already owned conventional irrigation equipment used only the plastic mulch.

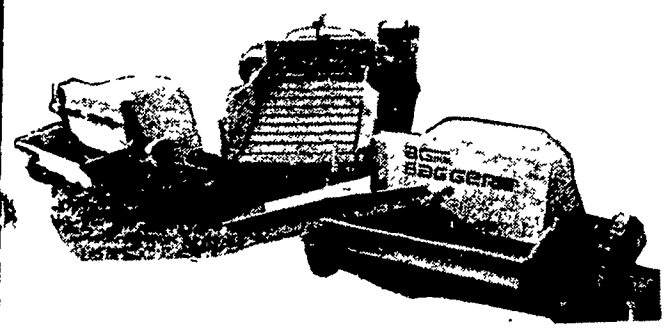
Last summer the project involved 45 acres and a variety of crops including cantaloupes, squash, cucumbers, peppers, tomatoes, eggplants and watermelons. Yields often increased by 50 to 100 percent over unirrigated crops, with drip tubing outperforming even sprinkler watered plantings. Kee said cantaloupes were the most common crop, with yields reaching 10,000 fruits sold per acre compared to an average of 6,000 without the tubing and mulch. Produce grown on plastic often matured earlier, permitting growers to sell at premium prices.

Even at a moderate seasonal average of 30 cents per melon, the specialist said gross income under this production system in 1982 was $3,000 compared to $1,800 on bare ground without irrigation. Such a return more than offset the $325 an acre investment in plastic and drip tubing.

The few production problems which did occur were related to grower errors in system design and implementation, demonstrating the importance of following recommendations carefully.

Because of increased farmer interest in raising vegetables under this improved cropping system, Kee says two local equipment firms now offer a custom application service or rent the plastic-laying equipment.

Though the demonstration project has been terminated, Kee is still available to answer questions on installing and operating drip irrigation systems. He may be reached at the University of Delaware Georgetown substation. The number to call is 856-5250.



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Farm Talk

by **Jerry Webb**

Delaware Extension

An increasing number of state governments have established laws banning completely, or placing severe restrictions on, corporate farm activity. Almost one-fourth of the states-most of them western and midwestern farm states, now have such laws and the list is growing.

If you're fond of the family farm, you may applaud these actions. But beware, laws that control entry can also control exit, and something that was set up to control the bad guys may also work against the good ones.

On the surface a law that restricts the movement of multi-company corporate giants into the corn fields and cow barns of rural America seems like a good idea. But let's look deeper.

In the first place, those big corporations aren't that hot when it comes to farming. Many of them have tried it with disastrous results. They couldn't sell out and go back to town fast enough. A few have stuck it out, but pose no great threat to family farming.

Over the years farming hasn't been profitable enough to attract much corporate money. Beyond that, there are just too many uncertainties. Board members and corporate managers aren't geared to financial loss due to hail storms and flooded fields. They'd rather spend the stockholders money on things that can be counted on. They understand assembly lines, production per man hour, things like that. They don't understand corn blight, hog cholera and wet ground.

Another thing farmers must consider before applauding too loudly for anti-corporation legislation is the direction all agriculture is headed. The work is big. Big farms with big equipment ahd big money needs will rule agriculture in the future. In fact, they do already. While most of these are still essentially family farms, they're organized differently than they used to be. The family farm corporation is commonplace, and plans that involve pooling of resources and talent between individual farmers are increasing. Laws now on the books could restrict theses kinds of arrangements.

Here are some examples of some corporate farming restrictions:

—North Dakota – all corporations are prohibited from producing food.

—Kansas – no farm corporation of more than 10 shareholders and no more than 5,000 acres.

—South Dakota – no more than a 20 percent increase in acreage in any five-year period.

—Minnesota – five shareholder limit and a majority must live on the land or actively engage in farming.

—Missouri – two-thirds of corporation's income must result from farming.

Obviously, these are the harshest parts of several detailed laws aimed at saving agriculture from big city money.

I guess the point that really upsets me about this concept is that governmental units are deciding who will be allowed to farm. If a corporation can be excluded, why not lawyers and doctors? Maybe the legal heirs to a farm would have to sell the place because they live somewhere else, and possibly a group of farmers would be denied the right to set up a farrowing operation or grain drying facility.

Taking this concept a little further, perhaps a law would be passed that would establish for all time the number of farming units in a state. A farmer would then be tied to the land until an acceptable replacement was approved who would then buy out the farmer at some government established figure.

The young man from the city who attends an agricultural college and gets financial backing from a rich old uncle is denied entry completely because the "board" feels his roots are not in agriculture, and he would be an undesirable addition to the community.

This may sound farfetched, but if you combine the worst of the existing laws you come up with something about that bad. And if it's possible to combine the worst, somebody will probably try. I think agriculture would suffer in the process.

Let;s keep agricultural entry and exit wide open. Anyone who can afford to get in or get out should have the chance. I think the family farm will survive a lot longer in a free environment.

So while we may not appreciate the big nonfarm giants setting up their great big farms, it seems unwise to legislate against them. Let them sink or swim like other farmers. If they can adjust, let them enjoy the same opportunities that more traditional farmers enjoy. If they can't, they'll get out soon enough and make room for serious farmers.

Lebanon farmers assured of quick PIK answers

WASHINGTON, D.C. — Everett Rank, administrator of the U.S. Department of Agriculture's Agricultural Stabilization and Conservation Service in Lebanon County, today encouraged farmers who signed up for the 1983 payment-in-kind program to take any unanswered questions about the program to their local ASCS offices for the quickest possible answers.

Rank said he has directed that response procedures be streamlined between the agency's county, state and Washington personnel.

"For example, we will attempt to answer a farmer's questions by telephone immediately, then follow up with a written answer when necessary," Rank said. "Most of the questions will be answered immediately by ASCS state and county personnel. However, when necessary the field offices have been instructed to phone Washington to keep the response time to a minimum."

Rank said USDA realizes that because of the massive sign-up, and because PIK is a new program, many participants desire clarification or have questions on program procedures.

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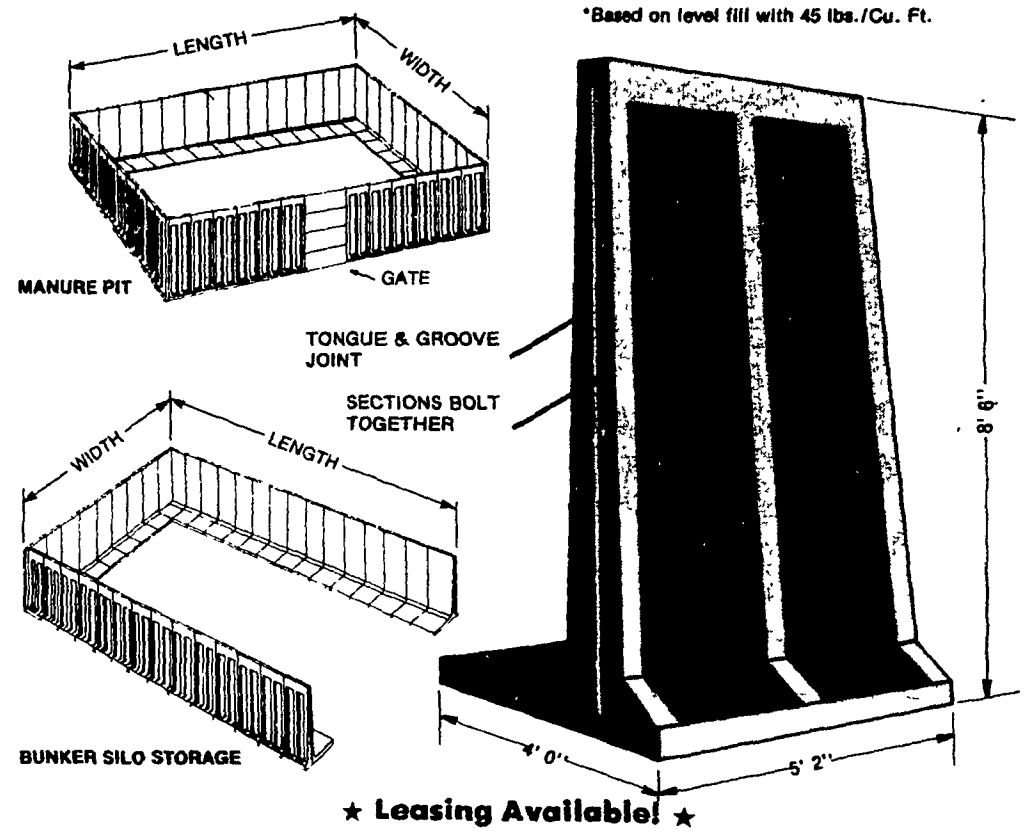
70'	251	376	504	630
80'	287	431	576	720
90'	323	485	648	808
100'	359	539	720	900
110'	395	593	792	989
120'	431	648	864	1080
130'	467	888	936	1170
140'	503	755	1008	1260
150'	539	808	1080	1350

*Based on level fill with 45 lbs./Cu. Ft.



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Adams County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

May 1983

OWNER	BRD	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Noel & Holmes	3	59.7	89.6	20,508	762
Brown Valley Farm	3	75.8	88.0	19,055	707
Penn Gate Farm	3	56.4	88.2	18,398	705
Roy A. Weaner Jr.	3	57.6	86.9	17,720	704
Stoner Bros. Dairy	B3	71.6	89.4	19,771	698
Kling Ayr Farms	3	34.1	87.6	19,302	696
Weim Sharr Farms	3	59.9	85.7	18,795	680
Yelow-Buttercup Farm	3	123.9	88.7	17,375	675
Ray Dutterer	G3	67.1	87.9	17,706	674
El Rho Farm	3	56.7	86.2	17,338	672
Leroy Deputy	B3	128.6	84.7	16,886	667
Milton R. Hoffman	3	37.6	88.3	17,583	648
William C. Mearns Jr.	B3	87.1	85.0	16,559	646
Claude Holmes Jr.	3	55.1	81.9	16,831	639
Eugene Witter	B3	72.4	88.9	16,356	626
M. J. Starner & Sons	B3	123.8	87.6	15,718	626
Adam F. Lobaugh	3	43.7	87.9	17,051	622
Lagging Stream Farm	3	116.4	82.5	15,799	621
Piney Lane Guernseys	B2	57.9	87.0	12,862	616
Wayne H. Rodgers	B3	84.8	85.0	16,037	609
George I. Lauchman	B8	34.6	86.6	16,858	605
John J. Hess	B3	114.9	86.7	15,947	604
Kehr Acres	3	68.2	88.6	16,668	600
Buttonwood Farms	3	128.0	86.4	17,145	598
Donald Todt	B3	51.1	86.6	16,607	597
Grove Bros.	B3	77.6	85.3	16,472	591
Knud A. Hermansen	G3	97.4	86.3	16,787	587
Robt. & Linda Meyers	B3	79.2	86.5	15,853	586
Larry Holtzinger	B3	41.6	87.9	15,435	581
Way Brite Farms	B3	136.9	86.9	15,554	581
Stone Manor Dairy	3	45.2	83.4	15,683	578
Zeppdale Farms	B3	110.7	88.4	15,988	576
Roger L. Sprague	B3	54.0	85.4	15,037	575
Kraybill Miller	B3	44.2	86.6	15,431	575
Rinker Bros.	G3	43.9	82.4	15,172	569
Robel Acres	3	82.8	88.0	15,743	567
Richard K. Herr	B3	102.2	84.4	16,093	566
Getty Acres	B3	174.3	82.0	15,408	565
Leroy Basehoar	B3	63.0	83.7	14,304	563
Rhodes Enterprises	B3	99.5	87.8	14,307	562
Home Side Acres	B3	48.3	84.8	14,662	562
Ber Crk	3	66.7	87.1	14,622	553
Grn Manor Guernseys	2	25.1	82.2	11,418	548
Oscar E. Mehring	B3	32.4	83.5	14,205	545
Wm. Inskip	B3	60.4	88.6	14,616	544
Guy Tanger	3	33.3	83.3	14,418	541
Bowlder Valley	B3	56.5	85.6	13,988	527
Richard Mills	G3	50.5	87.1	12,760	527
M.R. & C.S. Durboraw	B3	59.3	87.1	13,832	523
Kevin S. Holtzinger	B3	221.3	86.3	14,069	522
James E. Miller	B2	39.0	79.5	11,146	514
Frank Ludwig	B3	36.9	92.2	13,763	508
Shamrock Farm	B3	60.9	82.5	13,133	502
Glenn & Janet Lippy	B3	112.1	88.5	12,794	500
H & W Farms	B3	60.9	83.8	12,700	494
Pennstead Farm	3	38.4	89.2	13,342	493
Pleasent Acres	B3	54.9	85.7	12,147	490
J. Howard Stiles	4	43.5	83.7	9,735	488
Robert L. Rohrbaugh	B8	68.1	85.4	14,405	480
Terrence P. Murren	2	29.6	84.8	10,383	472
Bonnie-Bud Acres	4	36.2	90.1	9,801	469
M. J. Roche	B3	33.0	89.9	12,521	467
Robert C. Hoffman	B3	25.8	87.4	10,958	421
James C. Behney	B3	48.4	86.6	11,854	421

All complete lactations of 650 lbs. or more

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Noel & Holmes						
Sparkie	3	8-10	277	20,263	3.2	653
Popsie	3	6-4	305	23,004	3.6	835
Tomara	3	2-3	305	18,161	4.2	763
Stoner Bros. Dairy						
10	3	5-5	305	18,549	4.4	812
90	3	2-10	305	23,685	3.4	802
12	3	1-10	305	16,590	4.0	666
Brown Valley Farm						
Ann	3	7-10	305	19,525	3.4	664
Daly	3	7-3	301	24,163	2.7	660
Penn Gate Farm						
Pat	3	4-0	305	16,383	4.1	673
Duchess	3	3-0	305	17,909	3.8	674
Robel Acres						
176	3	8-6	305	20,962	3.6	752
179	3	6-4	305	18,639	3.5	657
74	3	3-4	305	21,365	3.1	667
M.R. & C.S. Durboraw						
Jenni	3	8-4	295	13,619	5.9	810
M.J. Starner & Sons						
7	3	7-8	305	23,506	3.6	851
137	3	5-7	305	19,753	4.1	815
79	3	2-9	305	14,075	4.7	659
Donald Todt						
Henerta	3	10-4	305	19,928	3.9	769
Kling Ayr Farms						
Hedy	3	7-5	305	20,124	3.8	760
Joy	3	5-5	305	18,867	3.9	737
Kris	3	3-7	305	18,352	3.7	677
Lou	3	3-0	305	19,892	3.4	684
Lisa	3	3-3	305	17,942	3.8	676
Buttonwood Farms						
Randy	3	6-1	305	17,637	3.8	672
Alexa	3	3-7	305	21,629	3.1	671
Roy A. Weaner, Jr.						
89	3	5-1	284	20,277	3.6	729
91	3	4-10	305	20,603	3.8	775
27	3	4-9	305	18,779	3.6	669
33	3	5-0	293	17,128	4.6	781
30	3	3-11	297	17,560	3.8	663
Kehr Acres						
56	3	6-7	305	22,051	3.8	833
94	3	3-4	305	18,598	3.6	666
John J. Hess						
109	3	4-2	296	16,101	4.4	716
11	3	3-2	305	18,771	4.1	774
Ray Dutterer						
Twinkle	3	4-4	305	18,458	3.9	721
El Rho Farm						
Polly	3	4-5	305	20,180	4.7	943
Linda	3	6-0	305	20,565	3.4	692
Yelow-Buttercup Farm						
6	3	4-5	305	15,666	4.9	761
24	3	3-11	305	17,900	3.7	658
113	3	4-0	304	16,919	4.2	707
22	3	3-4	305	19,770	3.7	740
Wayne H. Rodgers						
Monica	3	5-6	305	20,494	3.8	787
Ilene	3	5-3	295	16,727	4.5	747
5	3		305	15,791	4.3	682
William C. Mearns, Jr.						
41	3	8-0	305	20,472	3.6	732
99	3	5-2	286	15,198	4.3	651
196	3	4-9	305	15,493	4.7	731
180	3	3-6	287	14,011	4.9	682
Eugene Witter						
Midnight	3	4-10	298	16,293	4.1	676
Miss	3	3-11	305	19,490	3.5	684
Way Brite Farms						
G32	3	3-4	305	19,653	3.6	702
Claude Holmes Jr.						
Tally	3	6-2	305	20,968	3.1	655
Glostar	3	4-8	289	16,368	4.2	694

(Turn to Page D21)

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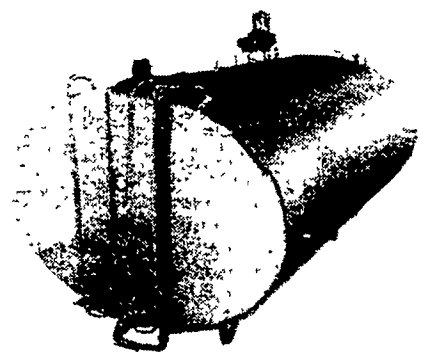

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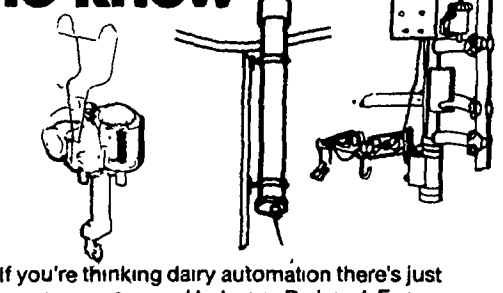

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Forage Crops as Feed

The surest way to mishandle a problem is to avoid facing up to it. If there is one thing for sure in the farming business, it is that there will be one problem after another. Some of these problems could be overcome or even avoided if the farm manager did some advance planning. Feed availability is one of those that could be solved in most years with some foresight. Some people operate under the premise that "experience" is knowing a lot of things you shouldn't do. Others have more success by realizing that experience is knowing a lot of things that have worked. Those who are most successful combine the two philosophies.

Emergency Crop

As livestock numbers grow in relation to acres of crop land on a farm, a farm manager must learn to either produce more feed per acre or be willing to purchase more feed. One way to stretch the feed supply is by producing so called emergency crops. There are usually annuals seeded now or winter annuals seeded in September.

The many sorghum-sudan crosses are an excellent source of feed as green chop or short term silage. They will usually produce 4 to 6 tons of hay equivalent per acre on well fertilized soil. They are adaptible to a fairly wide range of weather conditions, are relatively insect resistant, and are their own weed control mechanism. They probably can not compete with corn or hay crops as a long term souce of forage. Usually the protein in the hybrid would be nearly equal to that in well eared corn silage but less than 50 percent of that in good mixed grass-legume haylage. Total nutrient content of the hybrid would be 80 percent or less of that in good corn silage and 90 percent or more of that in good quality mixed haylage. As fresh green chop, it has a high palatibility quotient for dairy animals. It's high moisture (may be 85 percent or more) content may limit its' value for young heifers.

Rye can be grown as a dual crop. It makes very good fall pasture and can be harvested for green chop or silage in the spring. As with sorghum-sudan hybrids, my experience has been that it is better as a green chop than as a silage. If harvested in the grass to milk stage, it has a protein content that is 30 to 40 percent better than corn silage and 65 to 70 percent as much as good mixed haylage. Total nutrient level is usually somewhat less than corn silage and depending on maturity at harvest can be equal to mixed haylage. The total yield of rye for forage is fairly low with from one to one and a half tons of hay equivalent per acre. Hay equivalent means hay at 90 percent dry matter. Fields producing rye as a forage can usually be double cropped. Perhaps some of the fields would do better in sorghum-sudan hybrid now as the second crop rather than corn.

Sudan grass is a good annual pasture grass. Yields are not as high as the sorghum-sudan cross but prussic acid poisoning is not as great of a danger either. We have pastured heifers on it for several years. They have always grown well and looked good on sudan grass pasture. Most years we graze it twice and often we have come back in a third time. After October first or the first killing frost we'd let it grow and freeze then pasture it after it was completely dead.

USDA requests comments on feed grain program

WASHINGTON, D.C. — Secretary of Agriculture John R. Block on June 22 called for public comment on some specifics of the 1984 feed grain program.

Block said the deadline for comments is Aug. 23 which will allow the U.S. Department of Agriculture to study the public's recommendations along with current data on U.S. and world crop conditions and crop supply and demand, before announcing the 1984 program. He said his current intentions are to announce final program provisions by the end of September which would be well ahead of the Nov. 15 statutory deadline.

Specifically USDA would like to receive comments on: the loan and purchase level; the established (target) price; the national program acreage; whether there should be a voluntary reduction percentage and, if so, what percentage; whether there should be an acreage reduction program and, if so, what percentage and how will the acreage bases for the acreage reduction program be established; whether a set-aside requirement is necessary and, if so, what percentage; whether there should be a payment-in-kind (PIK) program and, if so, the PIK program provisions that should be applicable; whether there should be a land diversion program, and if so, the extent of such diversion and the level of payment; whether barley sould be determined eligible for payment purposes under the feed grain program; whether malting barley should be exempt from any acreage reduction program; if an acreage reduction, set-aside or payment-in-kind program is necessary, whether to allow haying and grazing of conservation use acreage; provisions of the farmer-owned reserve; whether to require offsetting compliance if an acreage reduction program is established; and whether to include popcorn and waxy corn as field corn for program purposes.

Details of program options USDA is considering were scheduled to appear in the June 24 Federal Register.

Comments will be accepted by Howard C. Williams, director, analysis division, USDA-ASCS, room 3741-S, P.O. Box 2415, Washington, D.C. 20013.

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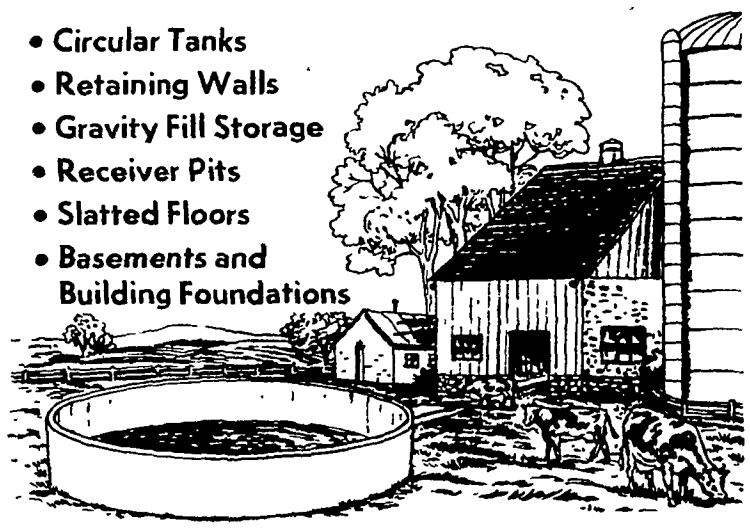

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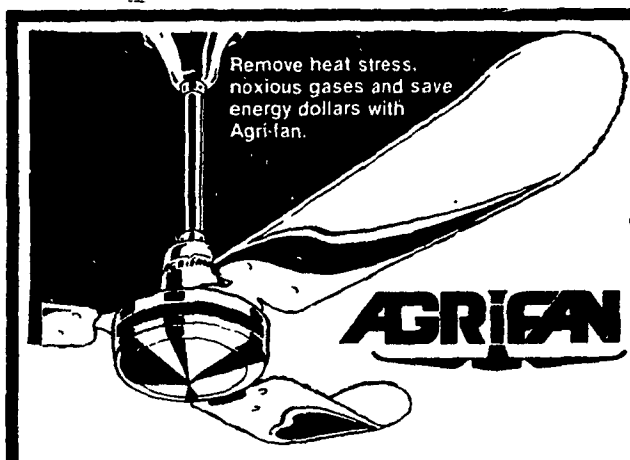

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Perry County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

May 1983

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Ray E. McMillen	66.9	85.9	22,188	840
Milmay Farm	54.0	89.7	20,488	766
Kenneth R. Benner	63.0	88.8	20,027	748
Alfred Albright	94.2	87.6	19,320	722
Benjamin E. Dum	49.0	91.2	20,174	721
Richard L. Maurer	50.8	88.0	18,292	715
Frank Rice	49.6	86.4	19,130	705
Richard G. Smith	52.4	86.2	18,100	697
Max Reapsome	53.4	87.2	19,697	697
Dumbelle Farms	54.9	87.1	19,168	696
Ed & Merril Brofee	129.3	87.9	19,160	695
Carl E. McMillen	86.1	87.2	17,803	680
Oscar & Winnie Campbell	48.6	88.1	17,775	678
William E. Martin & Sons	157.5	87.8	17,965	677
Charles C. Byers	33.8	93.4	18,846	675
Milligan Bros.	66.7	88.5	19,126	675
Nevin G. Rice	92.9	88.1	18,693	672
Donald Dum	35.4	87.1	17,635	671
Earl E. Brubaker	58.7	84.1	18,129	668
Fred & Nancy Neely	35.6	85.4	17,729	665
Edwin L. Sheibley	63.7	81.7	18,477	662
Harry R. Book, Jr.	49.2	91.0	17,400	659
David H. Weller	47.7	84.1	17,734	654
John E. Book	38.0	88.0	16,759	647
Dean Loy & Son	48.6	86.2	18,064	646
Richard Kriebel	42.1	89.5	16,998	645
Ed. & Wilma McMillen	42.4	84.3	17,804	636
Philip E. Brubaker	52.2	88.9	17,792	634
Perry Kretzing	89.0	87.6	17,149	633
Robert & Bernice Gabel	39.8	86.0	17,113	633
Duane L. Hertzler	104.3	86.2	17,095	626
Dean & Eric McMillen	40.7	84.7	16,861	625
Bratton View Farm	75.4	86.9	16,865	622
John O'Toole & Sons	53.7	88.1	16,580	621
John L. King	43.9	86.2	17,150	621
Arthur E. Dum, Jr.	45.4	86.8	16,672	620
Clarence S. Martin	53.2	85.4	17,543	617
R. Jack Crozier	52.6	86.2	16,906	614
Ray L. Kling	60.2	88.6	17,195	613
Dobbs Brothers	32.6	86.6	16,435	609

Listed below are completed lactation of 650 lbs. of butterfat or over for May

OWNER NAME OR NUMBER	BRD	AGE	LBS. MILK	% FAT	LBS. FAT
Alfred Albright					
Sugar		305	20,545	3.6	747
Gina	4-0	305	19,045	4.1	786
Milmay Farm					
Mary	6-4	299	22,441	3.6	800
Perri	6-6	305	20,147	3.7	753
Orbit	1-11	305	15,209	4.5	681
Carl E. McMillen					
Model	6-3	305	18,814	4.0	754
Ray E. McMillen					
Burr	7-8	294	23,176	3.9	914
Jigger	5-1	305	22,546	3.7	838
Jamie	4-2	305	25,654	3.5	889
Jib	3-2	305	21,566	3.5	763
Jessica	2-3	305	21,166	3.7	774
Nevin G. Rice					
133	8-3	305	19,838	3.9	767
188	6-5	305	20,475	3.7	749
257	4-6	305	20,854	3.4	701
Max Reapsome					
Ellie	8-10	305	25,656	3.2	820
Nola	6-8	305	19,254	4.2	809
Marylou	5-4	305	23,832	3.1	746
William E. Martin & Sons					
160	7-9	305	21,268	3.5	746
309	5-1	305	18,494	3.5	650
456	3-0	305	21,044	3.6	768
528	2-2	305	18,434	3.7	689
Mt. Home Farm					
271	7-10	305	18,621	3.6	677
282	7-7	305	19,349	3.7	724
Donald Dum					
Atocrat	7-7	305	16,069	4.2	675
Dotty	7-1	305	21,079	3.8	805
Benjamin E. Dum					
Hiddie	7-8	305	17,593	3.8	670
Dumbelle Farms					
Beauty	5-8	305	16,369	4.4	716
Cristy	3-7	305	22,886	3.5	791
Lassie	4-8	305	23,019	3.9	900
Frank Rice					
Rocket	5-2	305	24,870	3.0	749
Susan	4-10	305	20,631	4.2	864
Mamie	3-8	305	21,761	3.5	761
Milligan Bros.					
Rose	8-6	305	17,624	3.8	661
Ribbon	7-8	305	23,374	3.4	795
Moe	6-0	305	22,212	3.6	806
Bessie	4-4	296	17,140	5.2	897
Barbara	3-6	305	23,163	3.1	725
Airy View Farms					
524	7-0	305	15,348	4.4	668
Richard L. Maurer					
Milly	10-1	305	17,742	3.9	695
Barb	6-6	305	18,047	3.9	695
Audrey	6-7	305	19,530	3.5	692
Trixie	3-5	305	14,348	4.6	656
John E. Book					
21	8-7	305	15,676	4.3	672
68	4-11	305	19,488	3.9	752
14	2-9	305	14,705	4.5	657
13	2-11	305	14,439	4.5	653
16	2-10	305	16,604	4.0	669
Merril Brofee					
Mild	7-4	305	24,605	3.9	948
Sunny	5-5	279	20,838	3.5	726
Fancy	5-1	305	24,674	3.5	861
Bonnie	5-1	276	17,778	4.2	754
Jamber	4-5	305	27,874	3.6	990
Applejac	4-5	305	24,449	3.2	772
434	4-1	262	19,892	3.3	666
Sad	3-3	305	21,483	3.4	731
Janice	2-10	296	17,232	4.6	795
Roseann	2-10	305	18,373	3.9	711
Wonderful	2-1	305	20,159	3.4	690
Ivan M. Martin					
98	3-2	305	17,370	4.2	721
Duane L. Hertzler					
Ada	8-11	305	28,600	3.3	942
Ed & Wilma McMillen					
Quak	8-5	305	18,464	4.0	736
John L. King					
Marie		305	20,853	3.3	678
Dale Smoker					
14	5-0	305	19,905	4.4	873
36	9-8	305	18,799	3.6	677
53	5-0	305	19,303	3.8	734
82	3-8	305	18,698	4.0	755
Philip E. Brubaker					
29		298	17,493	3.8	658
41		305	19,614	3.4	671
53	4-3	305	16,613	4.0	668
Edwin L. Sheibley					
BJ	5-9	305	19,257	3.8	736

(Turn to Page D22)

Adams Co. DHIA

(Continued from Page D19)

Liddy	3	5-10	305	19,264	4.0	775
Lois	3	4-7	305	20,038	4.0	800
Rinker Bros.						
Natilie	3	4-0	305	17,680	4.0	705
Getty Acres						
213	3	6-1	305	21,190	3.5	745
286	3	4-5	305	16,889	4.0	670
345	3	3-7	305	22,385	3.0	678
361	3	3-0	305	17,287	3.8	662
Zeppdale Farms						
34	3	7-8	305	19,403	3.7	717
Stone Manor Dairy						
Lois	3	6-7	305	16,918	4.1	701
Betsy	3	6-5	305	17,381	4.3	753
Rhodes Enterprises						
20	3	9-3	305	19,308	3.8	736
Grn Manor Guernseys						
Golden	2	4-5	305	13,693	5.4	745
Kevin S. Holtzinger						
70	3	7-9	305	18,348	3.7	671
Bowlder Valley						
113	3	3-8	305	16,794	3.9	658
Milton R. Hoffman						
23	3	4-11	305	18,952	3.9	734

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Dornsife, PA	Steve Kieffer	717-758-1714
Ephrata, PA	Darvin Yoder	717-733-0966
Holtwood, PA	Paul Herr	717-284-4592
Lebanon, PA	Paul Martin	717-949-2381
Leola, PA	Lynn Gardner	717-656-6700
Linden, PA	Larry Bower	717-323-9710
Mansfield, PA	Harold Robson, Jr.	717-662-7731
Mifflinburg, PA	John M. Beachy	717-966-1344
Mifflintown, PA	Mervin Zendt	717-436-6386
Millville, PA	Wilmer Hendricks	717-458-5949
Prospectville, PA	William Tyner	215-542-8479
Reading, PA	Robert Greider	215-378-1212
Reedsville, PA	Chester G. Selfridge	717-667-3181
Stewartstown, PA	Tom Engle	717-993-6836
Thomasville, PA	Ira Boyer	717-225-3758
Ulysses, PA	Bonnie Barker	814-848-7674
West Grove, PA	Brian Geesaman	215-869-9187

IN NEW YORK

Johnson, NY	Peter Vander Schaaf	914-355-1692
Pen Yan, NY	Calvin Crosby	315-526-6144

IN DELAWARE

Kirkwood, PA	Dan Rush	717-529-6548

IN NEW JERSEY

Baptistown, NJ	Cindy Gordeuk	201-996-2088
Elmer, NJ	Cyndy Hetzell	609-455-8187
Lambertville, NJ	Robert Fulper	717-658-7316
Port Murray, NJ	Robert Kayhart	201-689-2605

IN MARYLAND

Detour, MD	Jim Carmack	301-775-7221
Mt. Airy, MD	Allan Pickett	301-663-4191

Perry Co. DHIA

(Continued from Page D21)

Patti	4-9	305	23,817	3.6	865
Connie	3-5	305	17,653	4.2	743
Dobbs Brothers					
Robin	3-0	305	19,029	3.7	709
Arthur E Dum, Jr.					
Hanna	4-0	305	17,240	3.8	651
Samntha	4-0	305	17,572	3 9	691
Howard & Paul Barkley					
Cole	8-4	305	17,367	4.0	686
J.W. & C.L. Achenbach					
Sunny	4-7	305	20,663	3.5	722
Robert & Bernice Gabel					
Nature	8-4	305	21,002	4.3	902
M.W Smith Farms					
Wanda	4-6	305	21,122	3.3	700
Kenneth R. Benner					
Shell	4-1	304	20,355	3 9	788
Marigold	4-2	305	19,400	3 4	653
Oscar & Winnie Campbell					
Hazel	5-2	305	20,105	3.3	660
Sophie	2-4	305	16,583	4.3	706
Norma	2-4	295	16,548	4.1	685
Agrophilos, Inc.					
220	8-5	305	21,576	3.8	825
290	4-6	305	20,563	3.8	784
270	5-8	305	23,840	3.8	903
Perry M. Kretzing					
20	11-8	305	18,946	4.0	765
55	9-7	305	18,304	3.9	720
57	8-11	305	21,510	3.8	818
29	5-7	305	19,335	3.6	697
80	5-0	278	18,547	3.7	695
26	3-8	305	17,887	3.9	690
27	3-9	305	14,855	4.4	652
16	3-7	305	16,093	4.4	702
David H. Weller					
Cidney	8-6	305	22,949	4.2	963
Missie	6-10	262	18,131	3.7	667
Harry R. Book, Jr.					
Cris	8-10	305	16,350	4.5	734
Beluah	6-9	305	19,294	3.7	713
Earl E. Krone					
Ida	8-6	305	18,008	3.8	677
Flo	4-9	304	14,266	4.7	669
50	5-3	305	22,253	3.3	736
Richard G Smith					
29	6-8	281	20,182	3.6	731
21	6-5	305	22,719	3.4	776
64	5-4	305	18,602	4.0	742
20	4-5	305	19,864	3.5	687
Fred & Nancy Neely					
Toots	2-2	281	16,260	4.2	691
Clarence S Martin					
Star	3-9	305	20,611	3.4	692

SCHUYLKILL COUNTY DHIA
May, 1983

The following are reported from the production report for May based on a 365 day Rolling Herd Average. Only those herds with an average production of 650 pounds or more of butterfat are reported.

Carl A. Farms	63.1	20,488	770
Miller & Rex, Inc.	33.0	19,048	755
Brian Ruch	24.5	19,108	743
Paul & Ken Wagner	60.9	19,433	716
Heisler Brothers	67.3	18,708	702
Bruce Leatherman	79.8	20,412	701
Suntrail Dairy Farm	51.1	18,377	663
Elam Z. Stoltzfus	41.6	18,769	661
Raymond Reichwein	30.8	16,533	653
George Hinkle			
57YE	3-11	20,491	860
Bruce Leatherman			
Triune	6-11	20,388	836
Dawn F. Rhein			
Gail	6-6	15,030	812
Carl & Dale Heisler			
17	3-4	21,094	807
Bruce Letherman			
Dale	3-5	20,721	806
John P. Leatherman			
Jade	4-6	22,648	795
Bruce Leatherman			
Brenda	4-8	23,461	784
Carl A. Farms			
Annbell	5-3	20,328	765
Bruce Leatherman			
Rosey	5-8	22,463	762

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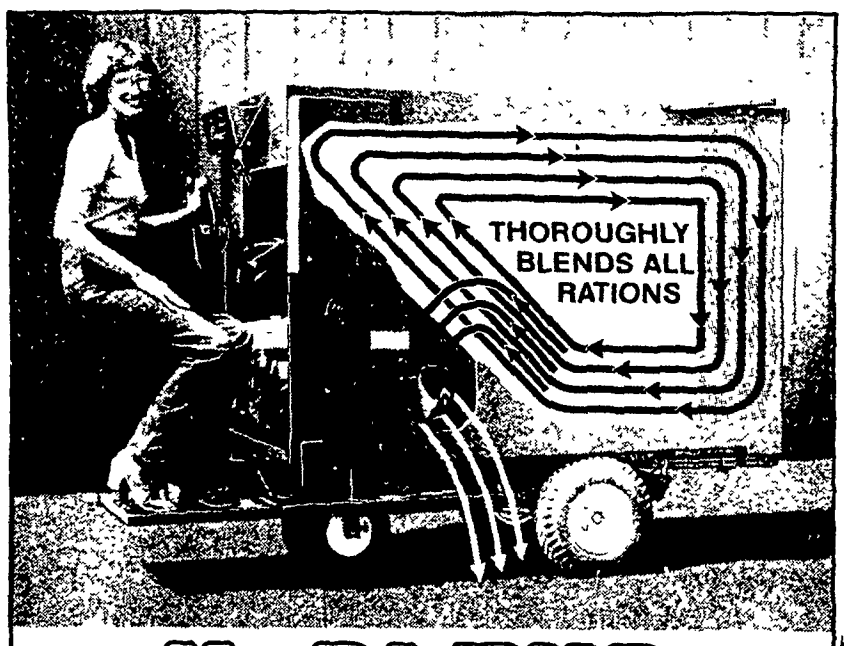

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Walpole Retires As Extension Agricultural Engineer

NEWARK, Del. — Ernest W. Walpole will retire June 30 after 20 years of service as Extension agricultural engineer, researcher and teacher at the University of Delaware. A specialist in structures, he is best known for his work with the Delmarva broiler industry.

A native of Canada, Walpole earned his undergraduate degree at the University of Guelph (then Ontario Agricultural College) and taught there for seven years before coming to the U.S. to attend graduate school. After earning a masters degree in structures at Iowa State University, he worked in the lumber industry for several years. He came to the University of Delaware in 1962.

Over the years, Walpole helped the boiler industry make significant improvements in poultry house design and construction. "When I came to Delaware there was no insulation in chicken houses and there were no truss houses," he recalled during a recent interview. "Today we have what I think are the best engineered houses in the whole country." When asked what led to the dramatic improvement in construction practices, he said he thought one reason was simply that the time was right.

"At first, improvements were tied to feed conversion – producers decided they had to keep houses warm to get good feed conversion, and it was inordinately expensive to warm a house that wasn't insulated. Also, without insulation, it was so wet inside that condensation ran out of the windows. Something had to be done," he said.

According to Walpole, Delaware was ahead of the energy crunch of the 1970s in making poultry house improvements. "I came in January, 1962, and in October we held our first broiler housing seminar. It has continued ever since as a forum for telling the industry about new ideas in all aspects of housing," he said.

The specialist said he found the Delmarva broiler industry very receptive. "I think the reason was that we never pushed any concept just because it was theoretically good. We always presented the economics of everything we recommended and the poultry people listened to our ideas about dollars and cents."

One reason structural improvements recommended by Walpole and other engineers were so readily adopted was that the broiler industry was expanding rapidly. "I don't recall what the level of broiler production was in 1962, but it has probably grown on the average of 5 to 10 percent a year ever since, so there were lots of opportunities to build new houses. Also, the bigger companies are always looking for new growers, offering incentives to put up new housing. As a result, you don't see many broilers coming out of shed houses any more," he said.

At the start of the energy crisis in the early 1970s, Walpole and his colleagues at the University of Delaware were recommending 2 inches of insulation for an entire broiler house - sides and roof. As fuel costs rose, they gradually upped this recommendation. To help determine the most cost effective amount to use, Walpole suggested that fellow engineer Dr. Norman C. Collins develop a computer program to evaluate the effect of various insulation levels on fuel use during growout.

For several years Walpole sent broiler companies on the Delmarva peninsula a weekly printout, estimating the amount of fuel they should have used the previous week in six different types of houses, based on weather data collected at a local airport. By comparing this information with actual fuel use during the same period, users were able to pinpoint management or insulation problems.

"Probably the biggest benefit of this program was that they got into end room brooding," Walpole said. "The second year I was here we had built a windowless research house down at the university's Georgetown substation. For convenience we divided it in half and started all our chicks at one end. We noticed that we saved considerable fuel by doing this, so when we got our computer model for growing birds, one of the things I asked Collins to look at was the effect of using only part of a house to brood in. He came up with 60-percent fuel savings on the computer, and probably 40 percent out in the field."

Though several people claim credit for introducing the concept of end brooding – now a standard practice in the industry – Walpole thinks he and Collins probably were the first to recommend it. "That's likely the most important thing we've done to save energy costs in broiler production," he said.

In addition to his work with the poultry industry, as Extension specialist Walpole helped dairy farmers with farmstead planning and consulted with swine producers on confinement system design. As a structures specialist, he also answered homeowner questions on a wide range of subjects, including wet basements, sewer back-ups, and painting problems. As a member of the Department of Agricultural Engineering, he taught a course on structures. His retirement marks the end of a long and varied career.

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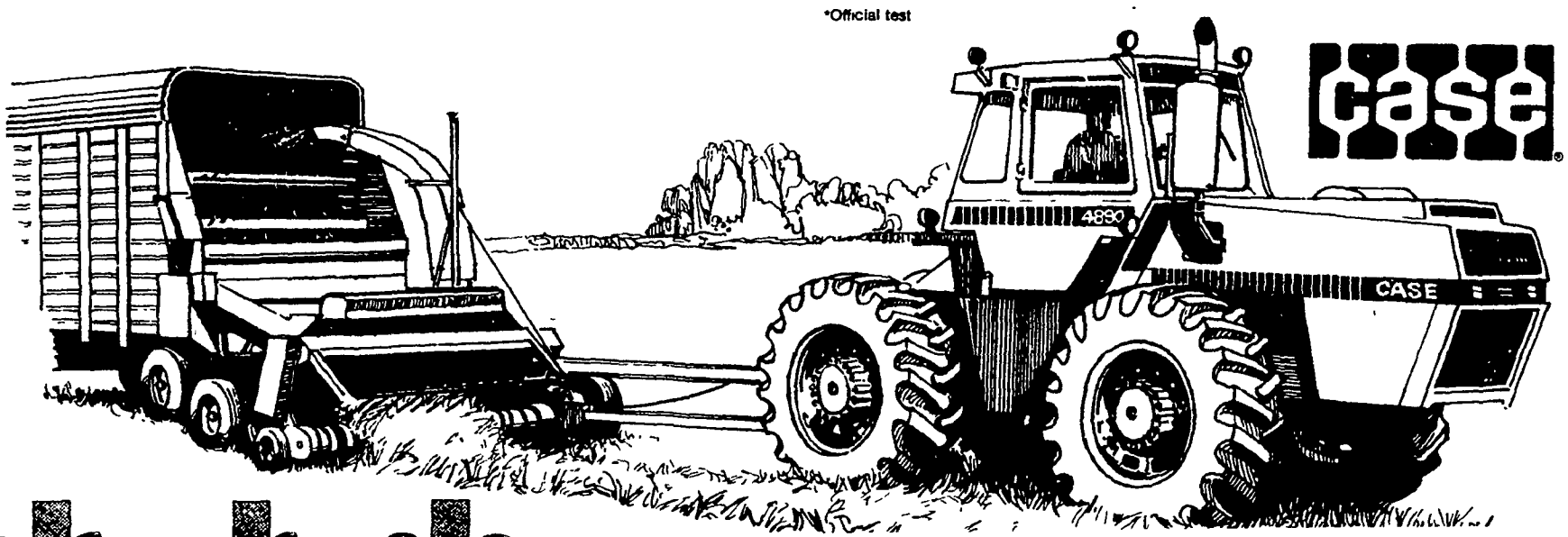

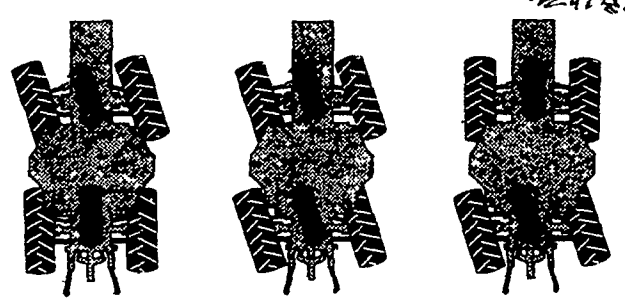

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Cumberland County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

May, 1983
Rolling Herd Averages

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Ferman L Landis	B3	39	90	19,612	767
Berkheimer Farms	B3	143	87	18,744	697
Sundays Vallilea Farms	B3	151	89	20,368	695
Carl Kelso, Jr	B3	55	90	18,679	679
M Thomas Sheaffer	3	56	85	18,834	675
Ashcombe Dover Dairy	B3	268	86	18,526	657
Paul B Sensenig	B3	35	88	17,632	657
Samuel D Shenk	B3	58	86	17,884	648
Donald M Leatherman	B3	36	90	17,459	648
Elmer Gettle	B3	49	89	16,964	647
Ashcombe Farms	B3	261	85	18,048	646
Thrush Brothers	3	104	88	17,444	644
Paul Stock	3	127	87	18,074	642
Norman Hertzler	3	36	87	17,646	638
J David Martin	B3	41	87	17,076	638
Clifford Chamberlin	3	41	85	17,429	637
John E Lapp	B3	43	86	17,282	637
Alfred Gaisler	B3	44	87	17,424	636
J Shephard Wolff	3	51	89	17,304	636
Martin Miller & Sons	B3	46	87	17,332	621
Fred B McGillvray	3	34	89	16,764	621
Nevin Shughart	B3	32	86	17,397	618
Robert & Donald Strock	3	98	90	16,873	618
D Clinton Sauder	B3	46	91	17,044	616
Lee G Davidson	3	57	87	16,393	616
Donald & Dave Lehman	3	67	86	16,849	613
Lee A Hoover, Jr	B3	28	90	16,718	601
John F Stoltzfus	3	46	88	17,015	600

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
Delmer E Corriman				
Tulip	6	17,599	4 0	697
Sundays Vallilea Farms				
41	10	20,275	3 4	693
170	5	24,385	3 8	919
115	4	22,018	3 3	735
67	4	20,815	3 5	725
86	3	23,074	3 3	760
165	2	18,983	3 6	674
J B Brymesser & Sons				
192	8	17,331	4 3	739
328	4	25,573	2 6	655
341	4	22,359	3 0	673
449	2	22,213	3.2	705
Creedin C Corman				
Twinks	3	21,667	3 8	831
356	6	22,101	3 3	733
363	6	21 100	3 7	785
Ashcombe Farms				
127	9	20,388	3 7	759
34	5	24,531	4 1	1008
265	4	21,908	3 0	661
339	5	20,427	3 3	670
33	4	16,268	4 1	673
70	4	17,553	3 8	673
82	4	17,459	3 8	656
87	4	18,125	4 4	790
99	4	19,392	3 6	697
131	4	17,409	4 3	744
228	4	21,115	3 4	715
63	2	18,230	3 7	666
Lee G Davidson				
Lady	5	19,238	4 1	781
Roy L & James Miller				
39	5	17,727	3 9	691
Donald & Dave Lehman				
11	7	18,854	3 6	677
89	3	20,756	3 6	741
Paul Strock				
Paula	5	21,806	3 9	844
Kathlen	4	16,898	4 1	697
Sarah	3	20,867	3 9	816
Merle & Sharon Dice				
237	3	18,379	3 7	681
Glenn & Larry Souder				
27	6	18,791	3 5	666
J Glenn Gliesner				
46	3	16,826	4 0	666
12	3	15,933	4 3	693
Milk Way Farms				
190	3	18,889	4 2	801
Elmer Gettle				
Soni	2	15,133	4 5	679
Ashcombe Dover Dairy				
279	8	16,288	4 3	704

(Turn to Page D25)

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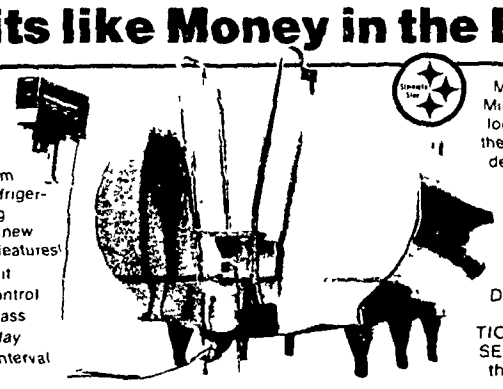

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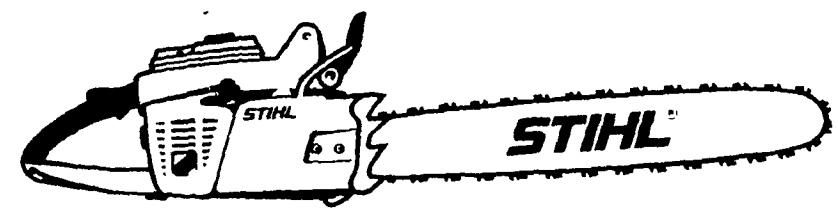

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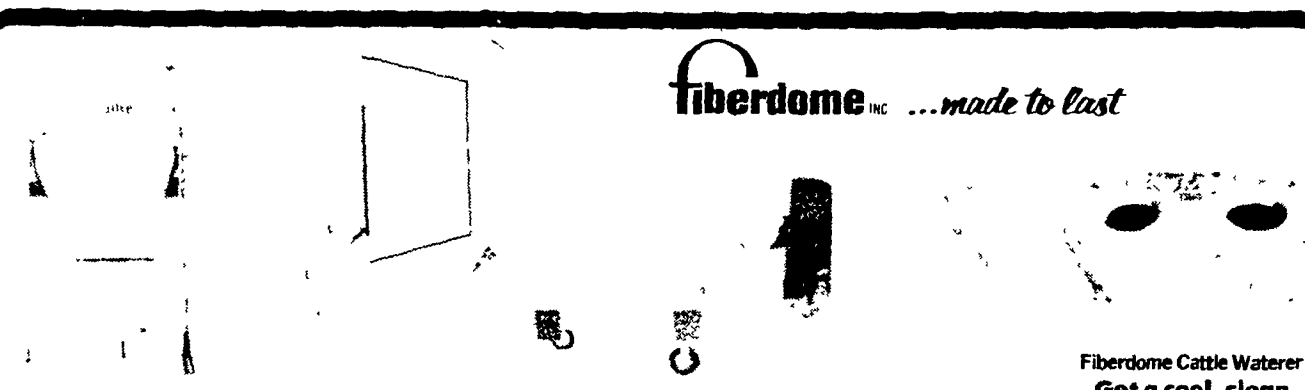

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Juniata County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

May 1983

Records were calculated for 4,141 cows in 82 herds.

The ten highest Rolling Herd Averages for the most recent 12 months of production are:

OWNER	BREED	NO. COWS	LBS. MILK	LBS. FAT
Harold B. Shearer	38H	87.1	20,554	762
W. Harshbarger & Sons	42H	90.3	18,891	756
James C. Graham	35H	83.0	19,346	745
Mark L. Zook	52H	89.5	19,441	743
Larry & David Noss	61H	85.6	19,721	737
John L. Van Horn	41H	89.6	17,331	724
Rick & Ralph Saner	49H	86.4	18,825	700
J William Peoples	31H	89.3	17,986	692
Barry E. Lucas	40H	84.6	17,912	687
Freeburn & Norman Love	52H	85.9	17,139	682

Three hundred thirty-five cows completed records of 305 days or less. One of these cows produced over 1000 lbs. of butterfat; 4 produced over 900 lbs.; 10 produced over 800 lbs, 33 produced over 700 lbs.; 83 produced over 600 lbs.; and 103 produced over 500 lbs.

The fifteen high cows are listed below. The owner's name, cow's name, pounds milk and pounds butterfat are given in order.

Larry & David Noss		
1A	26,069	1014
Barry E. Lucas		
98	23,607	965
60	24,630	938
8	20,893	844
Glen B Simonton		
333 Alma	22,799	922
30 Gem	23,725	869
Rick & Ralph Saner		
Edwima	22,210	918
Freeburn & Norman Love		
178	21,346	867
Harold B. Shearer		
Winnie	23,199	863
Orlyn Saner		
Carmen	22,265	857
Katie	20,955	809
Mark L Zook		
Golden	17,245	809
Earl R. Frymoyer		
Dottie	23,557	803
Daryl & Delbert Brubaker		
42 IDA	22,796	801
S. F. Metz		
Jodi	19,888	800

CARROLL COUNTY DHIA
May, 1983

Francis H. Barnes, New Windsor, had the herd with the highest average for the month of May according to figures just released by the Carroll-Baltimore Dairy Herd Improvement Association.

During the month of May 112 dairymen in Carroll-Baltimore Counties participated in this program. Listed below are the top herds based on their herd averages over the past year.

Francis H. Barnes	62	18,121	737
Maple Lawn Farm, Inc.	160	19,189	720
Del-Myr Farm	91	19,751	708
Harry W. Roach, III	69	17,457	690
Marlin Hoff	379	18,559	681
Cedar Knoll Dairy Farm	58	16,950	670
F. Lindsay Wilson	86	18,105	657
Henry T Muller	134	17,680	657

Cumberland Co. DHIA

(Continued from Page D24)

114	3	21,319	3.5	737
R173	2	20,896	3.1	658
164	2	17,396	3.9	686
R174	1	20,912	3.2	668
Samuel D Shenk				
Sally	7	19,699	3.8	744
Beverly	5	22,498	3.7	829
Berkheimer Farms				
57	6	22,949	3.4	769
74	3	17,472	4.5	778
10	3	18,676	3.5	653
Glenn W. Myers				
Sherry	3	17,171	3.9	670
Mervin E Ruppert				
Fudge	5	14,808	4.9	728
Paul B. Sensenig				
Darla	8	20,435	4.3	873
George P Wickard				
Ideal	8	20,675	3 5	721
Ferman L. Landis				
3	7	21,245	4.3	922
56	2	15,310	4.3	655
Marlin Miller & Sons				
60	5	26,159	2 9	749
J David Martin				
Lucida	3	21,999	3.5	763
Roy E Deitch & Sons				
107	6	16,760	4 6	765
10	4	16,700	4 5	758
Raymond M Burkholder				
6	3	15,871	4 4	705
Stanley Reinford				
104	3	15,728	4 2	664
143	5	19,492	3 9	769
M Thomas Sheaffer				
Katrice	5	19,221	3 6	689
Pandora	3	18,648	4 2	784

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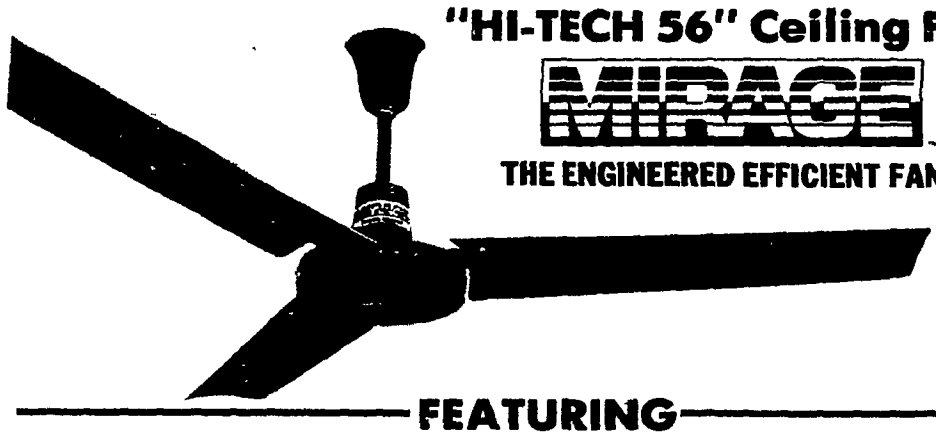

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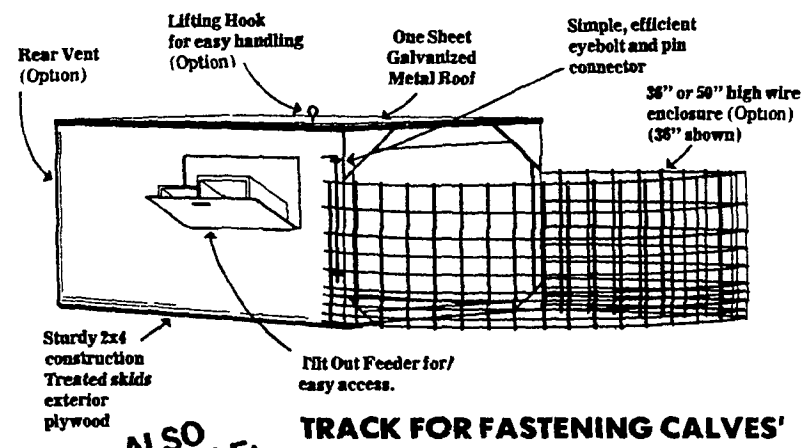
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Hunterdon, N.J. plans PIK meeting

FLEMINGTON, N.J. — Concern on the part of farmers, and others, for weeds on the Conserving-Use and PIK acres has resulted in many questions regarding best care for those acres during the "out-of-production" year. The Hunterdon Co. Extension has enough calls to prompt scheduling a summer weed control meeting, specifically to discuss-"Weed Control on PIK and Conserving-Use Acres."

The date will be Tuesday, 8 p.m. here in the Hunterdon County Extension Center.

Principal topic will be the options for weed control on PIK acres. As growers know, the ASCS regulations clearly state that weeds shall not be allowed to spread. That means they cannot be allowed to flower and set seed. And for many plants, that time is fast approaching.

Regulations require that a cover crop must be maintained to prevent erosion, except for fields with last year's corn plant residues left on the surface.

So one option is to establish cover, and then mow periodically.

Use of herbicides is also acceptable, but permission should be obtained from the ASCS office before using many of these herbicides.

The herbicides must be registered for use on agricultural crops and also those which will not injure crops to be planted later.

On The Program

Main speaker on this program will be John Meade, Specialist in weed science at Rutgers. He will discuss the alternatives available to the farmer to keep weeds under control. He points out that the August 15 deadline date for farmers to mow their PIK acres is fine, but many of weeds will have set their seeds by that time. "Earlier and frequent mowings may be called for...or herbicides may be a choice," he says.

The regulations set by the ASCS and its committee should be followed, but good crop management may require special considerations.

Also on the program will be a staff person of the ASCS state or county office to explain the agency's role in monitoring the PIK program.

Tex. cattle quarantine proposed

WASHINGTON, D.C. — The U.S. Department of Agriculture is proposing to quarantine Texas cattle for brucellosis after a comment period, rather than contesting a U.S. District Court's ruling on a June 1 emergency quarantine, according to a USDA official.

"Any final quarantine will be based upon public comments received by July 25," said John K. Atwell, deputy administrator for veterinary services for USDA's Animal and Plant Health Inspection Service. "In the interim, we hope the Texas governor and legislature will take action that will make a quarantine unnecessary."

USDA announced an emergency quarantine of Texas cattle for brucellosis on June 1. However, the move was enjoined by the U.S. District Court in Austin, Texas.

"Our decision to withdraw the emergency nature of the quarantine notice was based in part on the Texas governor's willingness to place the Texas brucellosis issue on the agenda of a special session of the Texas legislature," said Atwell.

"Also, providing for a comment period now should allow the quickest resolution of this issue," he said.

Brucellosis, sometimes called Bang's disease, can cause pregnant cows to abort or to give birth to weak calves. The disease has a variable and sometimes lengthy incubation period.

Under quarantine provisions, only cattle from "qualified herds" can be shipped out of state for breeding. To qualify, a herd must pass two negative herd tests for brucellosis within 120 days.

In addition to having the negative herd tests, individual animals being shipped for breeding must be tested and found negative within 30 days of shipment.

Requirements for moving infected and exposed cattle from infected herds and finished fed cattle from quarantined feedlots would not be changed by the quarantine.

Animals from other than qualified herds — including unsprayed heifers coming out of feedlots — must be branded with an "S" and shipped for slaughter only. Animals from qualifed herds can be shipped to slaughter without branding if they test negative within 30 days and are accompanied by a certificate, showing test results.

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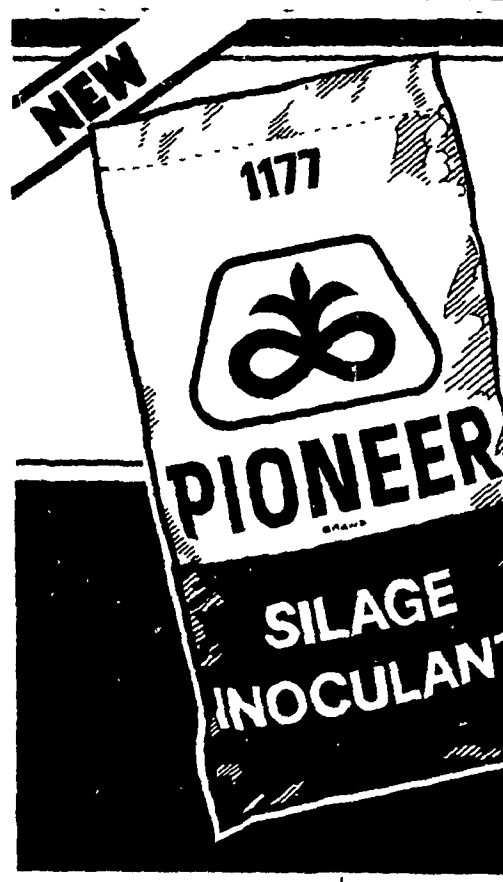

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Controlled peachtree borer helps reduce canker incidence

LANCASTER — The lesser peachtree borer is a native insect which was first reported in Pennsylvania in the early 1900's. Traditionally, the lesser peachtree borer has ranked below the peachtree borer in importance among producers. In the northeast, however, it has become more of a problem in recent years. Besides infesting wounded areas of the tree until the entire branch or limb is girdled (resulting in limb death), lesser peachtree borer feeding activities can cause additional entrances for the damaging disease, peach (cytopora) canker.

Cytopora canker is a fungus disease which invades dead and injured tissue. Shortened tree life and the loss of 30 to 50 percent of the tree's fruit is a conservative estimate of the economic impact caused by peach canker. The disease has been identified in the Northeast United States since about 1900, but appears to be on the increase over the last ten years.

"There appears to be a close association between the lesser peachtree borer and peach canker" reports Entomologist Larry A. Hull at Pennsylvania State University's Fruit Research Laboratory in Biglerville.

"Peach canker enters the tree through wounds, winter injury and pruning cuts," Hull explains. Severe winter injury caused by cold temperature damage to the trees over the past three years has made peach trees in the state more susceptible to peach canker.

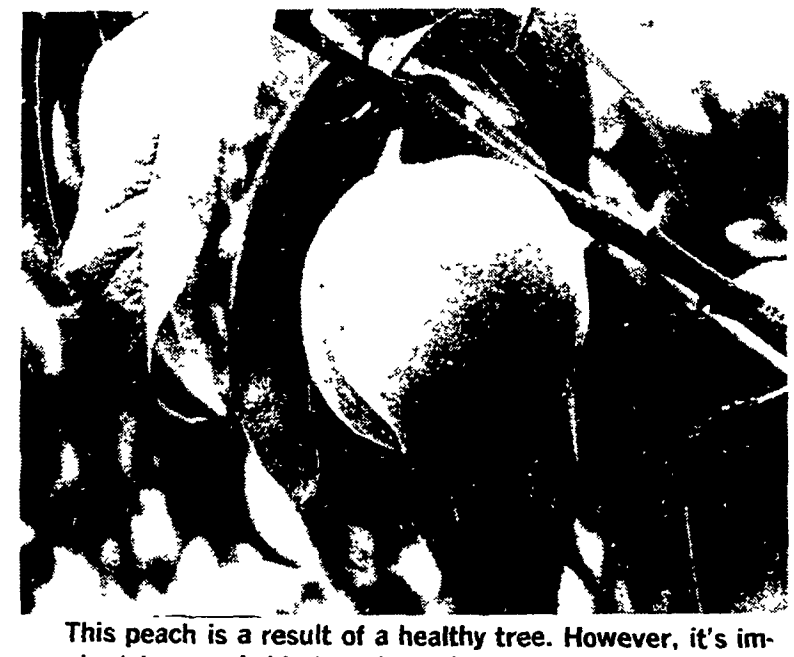
"Growers are able to surgically remove the cankered areas from the tree, then treat the tree with a fungicidal disinfectant to allow healing," he explains. "However, the lesser peachtree borer can bore through the wound callus taking the canker right along with it. In this instance, the fungus is spread by the lesser peachtree borer tunneling into the wood," Hull reports. A peach canker can girdle a tree and cause the death of the tree within two years after infection. Apparently, controlling the lesser peachtree borer is essential in helping to reduce the severity of cytopora canker.

Hull contends that now more than ever peach producers must understand insect pests, such as the lesser peachtree borer. "Not only must growers of fruit trees be able to identify this insect, they must also understand the insect's life cycle so that they can become better prepared to make proper pest management decisions," Hull explains.

The lesser peachtree borer overwinters in various larval stages. In the spring, larvae feed until mature than burrow to the outer bark surface, leaving only a thin disc of bark. In Pennsylvania, moths of the lesser peachtree borer are in flight from mid May through October. Emergence peaks from early to mid June and mid to late August in northern areas of the United States.

During favorite weather, mating occurs within an hour after moths emerge. Egg laying follows shortly after mating. The female deposits eggs in cracks and crevices near injured bark from ground level to a height of eight feet (most are deposited within three to four above ground level). Eggs hatch in seven to 14 days, depending on temperature, and young larvae invade the wounded tissue to feed.

The larvae is about 0.7 mm long when newly hatched. The head is yellowish-brown and the body light tan. The length of the full-grown larvae is 20-26 mm. The head and thoracic shields are yellowish-brown with a white body. There are three pairs of short thoracic legs.



This peach is a result of a healthy tree. However, it's important to guard this tree from Cytopora canker, a fungus disease which invades dead and injured tissue. Shortened tree life and the loss of 30 to 50 percent of the tree's fruit is a conservative estimate of the economic impact caused by peach canker.

Larvae of the lesser peachtree borer are common at wounded or injured areas of the tree. They may be found in the trunk, scaffold limbs, or branches previously injured or diseased. Pruning wounds, areas damaged by disease or harvesting equipment, insect or winter-injured areas, or sunscalded bark are frequent locations of infestation.

Once established, larvae feed on tender, growing wood at the margins of the injured area. If not controlled, they enlarge the wounded area until the entire branch or limb is girdled, resulting in limb death. Their feeding activities provide entrances for disease organisms such as peach canker.

Control Measures

"Spray timing for controlling the lesser peachtree borer is important," Hull explains. "The first ten days and last ten days of June are critical in timing sprays for the first generation of the lesser peachtree borer. The second critical spray period is late August or early September when the second generation usually occurs," he says.

Hull points out that researchers in the eastern United States are conducting test work on peaches with Pydrin Insecticide (fenvalerate), a pyrethroid compound that just received federal registration for use on peaches. "Preliminary data shows that

(Turn to Page D28)

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USDA proposes rule to stop spread of gypsy moths

WASHINGTON, D.C. — The U S. Department of Agriculture is proposing to regulate the movement of outdoor household articles — lawn furniture, camping equipment and garden tools — to prevent the interstate spread of the gypsy moth during household moves from infested to non-infested areas.

"We're proposing that all outdoor household articles being moved from a high risk gypsy moth area — generally the Northeastern states — into or through a non-regulated area, must be free of all gypsy moth life stages," said Bert Hawkins, administrator of USDA's Animal and Plant Health Inspection Service.

"We're counting on people to cooperate with this program — don't take an old pest to a new neighborhood," Hawkins said.

Recent USDA surveys have shown that most new isolated infestations were started from egg masses moved on household items used or stored outdoors during the gypsy moths' egg-laying stage.

Under the proposal, people who are moving regulated outdoor articles will be responsible for making sure the items are free of gypsy moth egg masses, pupae — cocoons — caterpillars or adults. They may inspect their articles themselves or hire a USDA-trained commercial certified pesticide applicator, who is authorized to issue a certificate that will be recognized by state and federal plant protection officials.

Names of these qualified pesticide applicators may be obtained from state plant regulatory officials, county extension agents or USDA's Animal and Plant Health Inspection Service, Plant Protection and Quarantine officials.

Regulated items would include anything left outdoors, stored in areas open to the outside or articles stored indoors but used outdoors. General categories include recreational or camping items, building materials, yard and garden items and children's playthings.

Officials of USDA's Animal and Plant Health Inspection Service will work with the states in monitoring people who are movong outdoor household articles out of the infested Northeast. USDA or state officials may inspect these items during the move or at their destination.

Under the proposal, people may be fined if they move any life form of the gypsy moth out of the generally infested Northeast if their articles are not accompanied by a certificate of inspection obtained before the move.

People who find gypsy moth egg masses should scrape the egg mass into a container of very hot water, household bleach, ammonia, kerosene or creosote, Hawkins said.

"Last year gypsy moth caterpillars defoliated more than 8 million acres of trees in the Northeast. This was down from the record 13 million acres defoliated in 1981," Hawkins said.

States designated as Gypsy Moth High Risk areas are: Connecticut, Massachusetts, New Jersey and Rhode Island. Also designated as High Risk are parts of: Delaware, Maine, Maryland, Michigan, New Hampshire, New York, Pennsylvania and Vermont.

Bush, Schultz, key speakers at Ag Summit

WASHINGTON, D.C. — Vice President George Bush and Secretary of State George Shultz are among administration officials scheduled to address a July 12-13 agricultural summit meeting in Washington, according to Secretary of Agriculture John R. Block.

Block said he initiated the summit meeting to give agricultural leaders and representatives of related businesses an opportunity to take a comprehensive look at current issues common to everyone involved in the food and fiber system.

"With recovery underway, agriculture will be entering a new era," Block said. "It's important that we take a collective look at the issues so that we are better prepared to give direction to our industry as it enters that era."

Block said the summit will open the doors for participants to discuss today's most significant agricultural questions with USDA's top staff, government leaders, fellow executives in agriculture and selected officers from industry, labor and consumer organizations.

"Our objective is to begin discussions about the problems and challenges we will face in the years ahead," he said. "All of our questions will not be answered during this summit, but it will represent the beginning of a dialogue in which these leaders can share their diversified concerns and constructive thoughts."

Peachtree borer

(Continued from Page D27)

fenvalerate gives good control of the lesser peachtree borer. It has also shown to give longer residual control than many of the other materials registered for use on peaches," Hulls contends. Now that the material has been federally labelled for use on peaches, growers will have something to apply if lesser peachtree borer is a problem because producers are normally spraying to control the Oriental Fruit moth at the same time the first generation lesser peachtree borer appears. It can also be applied later in the season (for second generation lesser peachtree borer) when growers are spraying to control the peachtree borer.

"Spray direction is another critical factor in controlling the lesser peachtree borer," Hull states. "Traditionally, growers have directed their sprays to the leaves and upper limbs to control damaging peach pests. But growers must also direct spray applications to the lower scaffold limbs and the lower trunk area of the tree. This is important because the lower portion of the tree is where borer activity usually beings during each generation."

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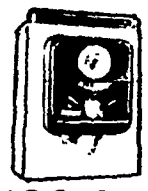

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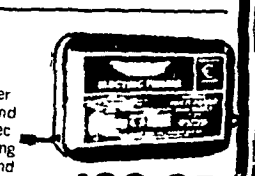

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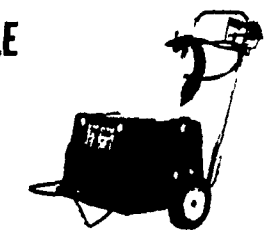

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- Track
- Bumpers
- Stay Rollers
- Latches

1x8 Barn Siding 6' to 16'

2x8 T&G Yellow Pine Barn Flooring

Large Selection of ALL DIMENSION LUMBER

PRESSURE TREATED LUMBER

Sizes:

- 2x4
- 2x6
- 2x8
- 2x10
- 4x4
- 4x6
- 6x6
- 2x6 T&G

Excellent For:

★ FARM BUILDING ★ PATIO ★ FENCE ★ POLE SHEDS ★ SUNDECK ★ OTHERS

EASY-COVER™ by Onduline

FARM ROOFING SALE!

10% OFF

6'7" x 46" Sheet

- 25 Year warranty against leaks
- Four colors in stock

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200 BRIMMER AVENUE, NEW HOLLAND, PA

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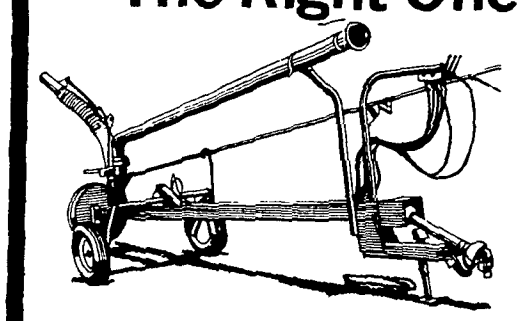
Hours: Daily 7 AM to 5 PM, Saturday 7 AM to 12 PM

Look For The Right One!

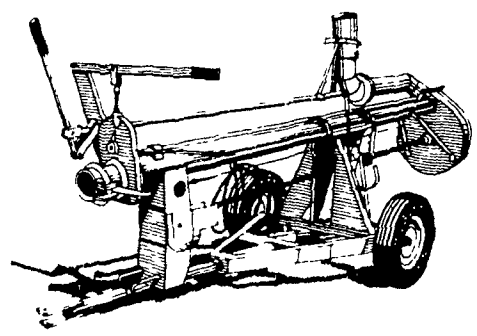
Calumet



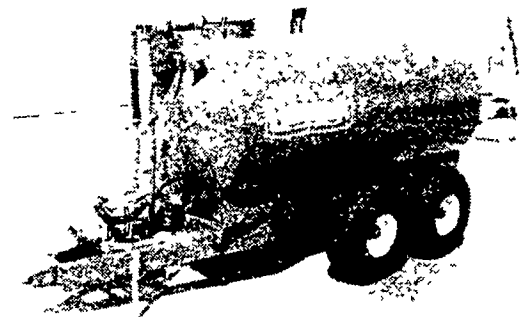
Open Pit Pump

Pumps any size lagoon with 2:1 slope wall so you don't need docks or loading platforms. Delivers 5,500 gallons per minute. Driven at 540 RPM from tractor PTO. Heavy-duty 25-inch impellor. 25' length, with optional extension to pump the deepest pits. Loading pipes and hydraulics included.

Also Available In Stock



Vertical-Shaft Pump



Tank Models S-3250, S-4500; injectors available.

USED EQUIPMENT

1000 Gal. Badger Vac Tank 3250 Gal Calumet Truck Mount Spreader Tank

"LIQUID MANURE EQUIPMENT IS OUR ONLY BUSINESS"

CALUMET DISTRIBUTOR

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RD 3 - Box 84, Mifflinburg, Pa. 17844 - Phone: 717-966-2736

BIG PUBLIC SALE

SATURDAY, JULY 9, 1983
10:00 A.M.

SELLING:
HOUSEHOLD, ANTIQUES, GUNS, COLLECTABLES, TOOLS

Sale due to health of Mr. Ben Morin, Hellsgrove Pa., located on Rt. 87, 1 mi. N. Hellsgrove, 8 mi. S.W. of Forksville, Pa.

Parcial listing: Ref. 17.5 cu ft.; 20 cu ft. chest freezer (nearly new), Dining 5 pc. set in maple; Rockers, Recliners, Stereos, Console T.V. comb.; Book shelves & cases; Several old framed wall mirrors; Pressed back hi-chair; Wrought iron round table and 4 matching chairs; Several old Kero lamps, some with wall hangers; old lanterns; R.R. lanterns; 8 mm movie projector and screen; "Editor's" Roll-top desk with tilt swivel chair; Rope design wash stand with pitcher and bowl and top candle holers; Wicker btm. ladder back chairs; Cane btm. ladder back chairs; oak dressers with yoke mirror; oak hi-back bed; ¾ size spindle bed; old crocks; Currier & Ives prints & pictures; Ladder back love seat and 2 matching chairs; old lamp stand; 5 drw. cherry hi-boy; much & many more household articles and appliances, utensils, glassware.

GUNS: Colt Jr. 22 short revolver; Win. Saddle ring mdl 94 30-30 with 6 digit serial no.; Win. mdl 94 cal 32 spl.; Win. mdl 95 cal 30-06; Rem. mdl 591M cal 5 M.M.; Rem. full military 03-A3 cal 30-06; Military 303 British; Sporterized 303 British; Rem. mdl 760 Game Master 35 cal now in box; Marlin 30-30 mdl 36 RC (square bolt action); Marlin 336 R.C. cal 35 with 6 pr. scope; Savage 22-250 with wide angle scope; Ithica Saddle gun mdl 49R; Thompson center 50 cal Flint-lock; Several pistols and revolvers; (some) 357 Ruger 2½ stainless bbl; H & R Trappers spl. hvy frame with 7 in. octg. bbl; W.W.II Enfield "English pilots survival revolver" 38 cal. mint condt; 18 gun size gun cabinet; 7 gun size cabinet; 6 gun wall rack; wood gun, carrying case; Reloading equipment for shot, rifle, pistol shells; Various reloading components, dies, pdr.; primers, bullets, brass & empty shot shells; Original Moose skinners knife in case; Arrowheads; gun cleaning equipment; much more; large quantity of tools, drills, saws, grinders; hand tools, miscell articles and collectables. All items in very good condition. Guns excellent.

Big all day sale. Sold as property of Mr. Ben Morin, Hellsgrove Pa. Everything to be sold. Ben is moving west. Phone 717-924-3577.

TERMS: Cash or check with I.D. approval.
Lunch Available · **Tent if Needed**
Not Responsible for Accidents

Warren Fiester Auctioneer
Forksville, Pa 18616

PUBLIC AUCTION

SATURDAY, JULY 9, 1983
10:00 A.M. Sharp!
HOUSEHOLD FURNISHINGS, ANTIQUES, FARM EQUIPMENT, CATTLE

Located in Perry Co., from Newport, take 4th Street .7 mile to Turkey Bird Rd., than 2 miles to property on right, just past Mt. Olivet Church:

ANTIQUES & HOUSEHOLD FURNISHINGS

Plank Bottom Chairs; Rocking Chair; Kitchen Table; Keg; Benches; Wicker Furniture; Oil Lamps; Sleigh Bells; Carriage Robe; Marble-top Wash Stand; Big Little Books; Crocks; Glassware; P.R.R. Inkwell; McCoy Vases; Lights; Pots & Pans; Quilt Tops; Record Cabinet; End Tables; Coffee Table; Rugs; Lard Press; Grinder.

Corner Chair; Old Children's Chairs; Jelly Cupboard; Cherry Boy; Mirrors; Rifle Cases; Oak Wash Stand; 5 Gal. Jugs; Set of Shirley Temple Books; Some Blue Glass; Air Conditioner; Iron Mush Pot; Sewing Machines; G.E. 17.6 cu. ft. Refrigerator; Double Bed; Iron Kettle & 3-foot; Many More Items Too Numerous to Mention!

MACHINERY

A.C. D19 Tractor; Ferguson 30 Tractor; Oliver Corn Picker; M.F. 2-row Corn Planter; N.H. 510 Manure Spreader; Oliver Cultivators; 9' Cultipacker; Flat Bed Wagon; Belt Pulleys; Stock Rack for Pickup; Grindstone; 3 pt. 7' Mower; N.H. 479 Haybine; A.C. 3-16" Plows; Little Giant Elevator; J.D. Disc; 10' Pittsburgh Harrow; Anvil; 5 hp Roto-tiller; Hay Forks; Cattle Feeder; Chicken Feeders & Crates; Wagon Load of Items Found Around The Farm.

CATTLE

6 HOLSTEIN FEEDER STEERS 400-800 lbs.

Sale Order: Household Goods, Antiques, Machinery, Cattle.
Lunch Stand Reserved
Not Responsible for Accidents
I.D. Required for Bidder's Number

Owners,
MR. & MRS. CHARLES BLACK
RD 4, Box 598
Newport, PA
717-567-3882

AUCTION SERVICE
KLING'S
R. D. 1, Landisburg, PA 17040
tel. 717-789-3883

Md. farm labor contractors must register

ANNAPOLIS, Md. — Maryland Secretary of Agriculture Wayne A. Cawley, Jr., says Maryland farmers planning to use migrant labor this season should be aware of a new law which requires all farm labor contractors to register with the Maryland Department of Licensing and Regulation, Division of Labor and Industry.

"The law went into effect January 1, 1983", Cawley says, "and so far, Nancy B. Burkheimer, deputy Commission of Labor and Industry, has informed me that very few registrations have been received."

"The law requiring registration defines a 'farm labor contractor' as any person, other than an agricultural employer, an agricultural association or an employee of an agricultural employer or an agricultural association, who for any money or other valuable consideration paid or promised to be paid, performs any farm labor contracting activity.

"Generally speaking, it is not meant to cover farmers who hire local workers. It is meant to cover people who make arrangements with workers and who then sell the services of the labor force they have assembled to farmers.

"Registration must be completed before farm labor contracting activity is begun in Maryland. Farm labor contracting activity includes recruiting, soliciting, hiring, employing, furnishing, transporting or housing migrant agricultural workers.

"A Maryland Farm Labor Contractor Certificate of Registration is valid for 12 months and may not be transferred or assigned. A fee of $150 and two passport size color photographs must be submitted with each application."

"Once issued, the certificate must be carried by the farm labor contractor and exhibited upon request to authorized persons", Cawley said, adding that it takes about two weeks to process the application.

Applications for registration are available from the Division of Labor and Industry and from local offices of the Employment Security Administration.

Sale Reports

A Public Sale of a large doll collection and antiques was held June 25 by Beatrice E. Keylor, 180 W. Main Street, Leola, Lancaster Co. There were 266 registered bidders present at the sale.

Some prices received were: German walking doll $545, Schoenhut wooden doll $210, 35" china doll $700, 32" wax doll $450, 3 German dolls 28, 33 and 36 inches tall $400, $640 and $850 each, Humpty Dumpty doll $140, doll coach $440, cradle $170, basket $95, German beer stein $90, pin cushion $102.50, reed rocker $115, 1833 blanket chest $340, jelly cupboard $260, pine kitchen cupboard $440, corner cupboard $850, oak stack bookcases $350, 6 silver dollars dated 1923-25 $19 ea.

Auctioneers were T. Glenn and Timothy G. Horst.

xxx

A Public Sale of carpenter tools and engines was held June 23 by Elam S. and Sarah E. Fisher, 7 miles east of Lancaster on North Soudersburg Rd.

Some prices included: floor model drill press $35, Lincoln Arc welder $525, flour bin chest $130, Wisconsin engine $47.50, bushel crates $3.50, ladder jack $12, butcher ladle $23, lantern $17, latch $13, 3-prong wooden fork $60 and single cycle Maytag engine $50.

Steve Petersheim was the auctioneer.

xxx

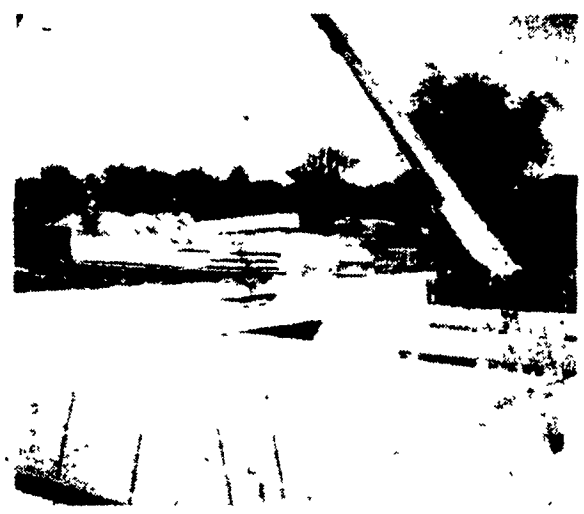
A Public Auction of farm machinery was held June 24 by the Farmers Home Administration and other owners, 1 mile west of Port Royal along Route 333.

Some prices were: Int. Farmall 656 G $4100, Int. Farmall 966 D $7400, 5-B plow $830, 4-B plow $670, small gravity bin wagons $210 & $330 and forage wagons (poor condition) $375 to $500.

Long Bros. Auctioneers.

LOOK MR. FARMER...We're The "Concrete Specialists"

- **STONE WALL REPAIRS**
- **MANURE STORAGE**
- **SILO REPAIRS**
- **SLATTED FLOOR SYSTEMS**



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Available In:
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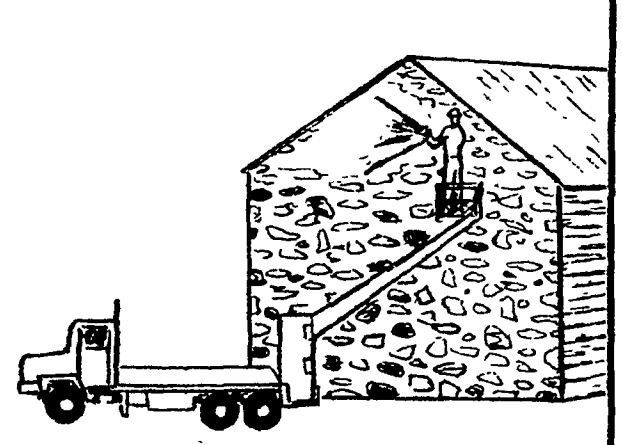
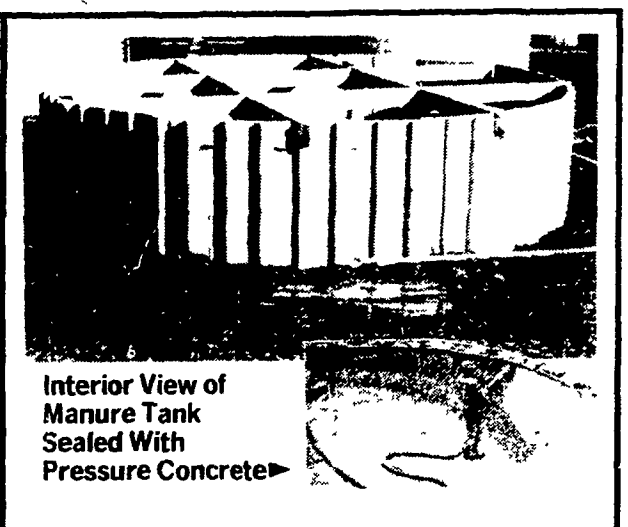
ASCS Approved



REPAIRING STONE WALLS with SPRAYED ON PRESSURE CONCRETE



Interior View of Manure Tank Sealed With Pressure Concrete►

PRE-CAST GUNITE LINED LIQUID MANURE TANKS
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- With Or Without Tops

MAR-ALLEN CONCRETE PRODUCTS INC.
RD 2, Ephrata, Pa. 17522
Phone: (717) 859-3354 If No Answer: (717) 687-6732

- **GUNITE CONSTRUCTION**
- **PRECAST CONCRETE PRODUCTS**

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JULY

SAT , JULY 2 - Public Auction of Antiques, Tools and Personal Property Located along Bowmansville Rd , 1½ mi north of Bowmansville Lester Gehman and Mamie Musser, formerly Silas Gehman Property Owners Randal V Kline, Lloyd H Kreider and Roy Good, Jr , Auctioneers

SAT JULY 2 - 9 AM Public Auction of Guns, Antiques, Collectibles and Household Goods Located taking Rt 272 turn west onto 897 to Smokestown Rd , 2 mi east of Denver along Smokestown Rd , Lanc Co , PA Carrie Specht, Owner. I Glenn and Timothy G Horst, Auc tioneers

SAT JULY 2 - 10 AM Public Auction of Antiques, Household Goods and Old Tools Located in Al Starr Community Building, village of Willow Street, PA south of Lan caster along Northbound Rt 272 behind new fire hall Mrs Martha Herr and Eli E Harnish, Owners Howard Shaub and Roy C Probst, Auc tioneers

SAT JULY 2 10 AM Public Auction of Tractor, Old Train Sets, Antiques, Collectibles and Misc Items Located going south from Red Lion to Felton, York Co , PA, go across bridge at A H Grove s Garage and then turn left, then immediate ly turn right on Seitz Ave , 3rd farm on right on Seitz Ave Mr and Mrs Oscar Fox, Owners Preston E Chronister and Sons, Auc tioneers

SAT JULY 2 10 30 AM Public Auction of Fur niture and Antiques Located at Rt 213, Galena, MD Harry Rud nick and Sons, Auc tioneers

SAT JULY 2 9 30 AM Public Auction of Farm Machinery Located at Jim Trout s Farm, 10104 Dublin Rd , Walkersville, Frederick Co , MD, from Frederick take Rt 15 north and turn right on Biggs Ford Rd , to Dublin Rd and turn left Trout Auctioneers

SAT JULY 2 10 AM Public Auction of Fowl Located near Grimes Air port, approx 2 mi nor theast of Bethel, Berks Co , just off I 78, near Schubert Airport Rd In tersection Willow Hill Poultry Farms and Hat chery, Owner G Harvey Weik, Auctioneer

SUN JULY 3 10 30 AM Public Auction of Wagons, Horse, Cabin Lots and Etc Located 2 mi north of Estella on Vincents Farm, 5 mi north of Worlds End State Park, Eldredville

MON JULY 4 12 30 PM Public Auction of Cattle Located at Shippensburg Fairgrounds, Shippensburg, PA Cumberland Valley Jersey Breeder s Sale Ralph Horst, Auctioneer

MONDAY JULY 4 (Antique Sale) 9 00 AM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

MON AND TUES JULY 4 and 5 - 9 30 AM Public Auction of Primitives, Small Items and Oak and Misc Furniture Located at Troxelville Antiques, Troxelville, PA Joe Her man, Owner Mark J Jones and Dale L Longacre, Auctioneers

MON JULY 4 9 AM Public Auction of Tractors, Farm Equipment, Tools, Household Items, Antiques and Misc Located from I-81 south of Martinsburg, WV, take exit #5, Inwood, WV, Rt. 51 east Approx. 3½ mi to Shutt's Cash Grocery, formerly Haines , turn right, 2 of a mi. to sale or from Charles Town, WV, take Rt 51 west, go ap prox 8 mi to Shutts' Cash Grocery, turn left, 2 of a mi to sale Edgar Bohrer, Sale Manager Bohrer and Miller, Auctioneers

MON JULY 4 - 9 AM Public Auction of Real Estate, Household Goods, Antiques, Collectors Items, Wheel Horse Trac tor and Etc Located at 107 Green St , Muncy, PA. Helen Hofer, Owner Fraley Auction Co

WED JULY 6 1 PM Firecracker Ayrshire Sale, Carlisle Fairgrounds, Carlisle PA, M t Brubaker, Sales Mana. er

Sale Reports

A Public Sale of country real estate was held June 25 for the Edward Varner Estate along Shade Mountain in Juniata County.

The 6-acre property with 2 acres cleared and 4 acres in woodland, 5-room frame dwelling, small barn and workshop was sold for $35,000.

Long Brothers were the auctioneers.

xxx

A Public Auction of real estate and household goods was held June 25 for the Amy M. Schell Estate, 3 miles west of the village of White Deer, R1, New Columbia.

The 21 acres with a 2-story frame house were sold for $35,500. Other prices included. roll top kitchen cabinet $400, wash stands $200 to $250, cherry chest of drawers $300, oak chest of drawers $250 and sideboard $300.

George H. Deitrick was the auctioneer.

xxx

A Public Sale of real estate and household goods and antiques was held June 25 for the Estate of Edward Kramer, R3, Schuylkill Haven, Sch. Co., Pa.

The 20.2 acres of land located on Rt. 443 on the south side of the road was sold for $21,000.

Other prices were: depression style bedroom suite $170, rope bed $70, oak bedroom suite $215, oak dressers $120 each, depression style livingroom suite $100, secretary desk $240, oak roll top desk $210, wood chest $110, crocks & jugs $15 to $20, paper mache rabbit $9.50, bisque doll $350, student lamp $40, Rayo lamp $27.50 and split oak baskets $25 to $30 each.

Jay Riegel, Jr. auctioneer and Raymond Stump, apprentice.

xxx

A Public Sale of real estate and household goods was held June 25 for the Harry F. Kinney Estate, 9 miles south of Selinsgrove.

The 55.84-acre farm with a 2 story frame dwelling, barn and outbuildings was sold for $52,000.

Other prices were: Ford 8M tractor $1200, dry sink base $375, cradle $100, cranberry kerosene light $75 and early comic books $17.50 each.

Auctioneer was Wayne M. Hess.

MID-SUMMER DAIRY SALE
FRIDAY EVENING, JULY 8, 1983
7:30 P.M. Sharp!

Selling at Kling's Sale Barn, located 15 miles North of Carlisle on route 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.:

50 HEAD HOLSTEINS 50

Featuring 25 head of Registered Canadian Cows and 1st Calf Heifers - All recently fresh or very close to calving. "Personally Selected for Type & Production."

10 Holstein Grade Heifers that are all recently fresh and Milking Well

15 Cows and 1st Calf Heifers in Different Stages of Lactation - Some bred for Fall Calving.

2 Service Age Stock Bulls - Both Registered.

Few Heifer Calves * Health Charts

V. ART KLING, Owner
R.D. #1, Box 66
Landisburg, PA
(717) 789-3883

Mark Glick, Auctioneer
Fred Naugle, Pedigrees

PUBLIC SALE
OLD HORSE DRAWN FARM MACHINERY, HARNESS, ROUGH SAWED LUMBER, OLD TOOLS, ETC.
MUSEUM ITEMS, APPROX. 10 ACRES OF WOODLAND SITUATE IN PIKE TWP. BERKS CO. PA. ALSO SELLING FURNITURE & HOUSEHOLD GOODS

SATURDAY, JULY 9, 1983
Sale Time 9:00 A.M.
Woodland Sells 11:00 A.M.

At the Carnival Grounds just off Rt. 73 in Oley, Berks Co. Pa.

Horse drawn plows, new plow shears, Bobsled, log hauler, iron implement seats, horse drawn sprayer, cultivators, grain drill, lots of single double & triple trees, tongues, wagon jack, endless belts, lots of old harness, unusual straw cutter, very old lathe, lathe, carpenter & other tools, grain cradles, broad axes, augers, new horseshoes, floor vise, molding planes, Stichter double wheel forge fan, anvil, saddlers bench & tools, snitzelbunk, spike harrow, moulding planes, M.H. 44 cultivator, feed chest, buggy lites, table saw, lots of old rough sawed lumber to 18" wide to 18' long 75 plus years old kept under roof, gas & elec. chain saws, air compressor, iron kettle, crocks & jugs & many more fine articles.

*TERMS: CASH or guaranteed funds.
Refreshments

Sale for
JOHN B. HOCH ESTATE
Gordon B. Hoch Executor

David S. Allgyer Auct.
R.D. #2, Oley, Pa.
Shirley I. Moyer App.

*Terms & conditions of Real Estate day of Sale.

150-200 HEAD SPECIAL HORSE SALE DRIVING & WORK HORSES
FRIDAY, JULY 15, 1983
Driving Horses Hitched At 12:00 Noon
Tack 6:00 P.M.
Sale 7:00 P.M.

AT NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

1 Load Saddlebred Driving and Work Horses consigned by Ward Wright.

1 Load Saddlebred Driving Horses consigned by Ben King.

1 Load Standard Bred Driving Horses consigned by Levi B. Stoltzfus.

1 Load Standard Bred Driving Horses consigned by Jonas Beiler.

1 Load Standard Bred Driving Horses consigned by Reuben Stoltzfus.

1 Load Standard Bred Driving Horses consigned by Clayton Waterbury.

1 Load Standard Bred Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

PUBLIC SALE
OF VALUABLE GASOLINE ENGINES - ANTIQUES & PERSONAL PROPERTY
SATURDAY, JULY 16, 1983
At 9:30 A.M. Sharp

At corner of Country Club Road & Pleasant Ave., Red Lion, Penna., York County. The undersigned Executor of the Leroy J. Shoff Estate will offer at public sale the following -

18 GASOLINE ENGINE

Fairbanks Morse 3 H.P. style G self oiling 800 RPM; Fairbanks Morse 1½ H.P. 500 RPM; Int. Harvester 1½ to 2½ H.P. 300-500 RPM; Small Int. Harvester H.P. ?; Franklin Morse 3 H.P. 475 RPM #489216; Int. Harvester 2 H.P. 300-500 RPM type LA engine #LA5470; Int. Harvester 1½ H.P. 500 RPM #W48888; New Holland Type P 5 H.P. Speed 240-480 Engine #5620; Small Cushman Engine model C8 4 H.P. 850 RPM Engine #52401; Also the following engines - name unknown - Engine #323121 - 3½ H.P. S RPM 500; Engine #6671 1¾ H.P. XK 600 RPM; Engine #303636 1½ H.P. H 550 RPM; Engine #7758 1¾ H.P. XK 600 RPM; Engine #Ka155208 2 h.P. RPM 550; Type LA engine #LAA26569; Med. sized engine, information not clear; Small engine ?? on H.P. & RPM; Engine #81373 H.P. 3-E 475 RPM

Also R6 Shaw garden tractor, old garden tractor Iron Mule ? model P2 engine #2426, D. Bradley garden tractor with workers, furrow plow & sickle bar, several homemade garden tractors, sev. small engines & generator, Toranado feed cutter pat. 1883, old coffee mill on stand. United chop mill, homemade cider cutter & press, engine belts, 6 barrels of asst. leather belting, pump jacks, lots of asst. parts, small hardware, asst. tools, a general line of antiques & personal property and many other articles to numerous to mention. Not responsible for accidents on day of sale. Refreshments available.

TERMS: Cash or Approved Check.

CLAIR E. SHOFF
Executor

Jacob A. Gilbert, Auctioneer
Phone 717-252-3591
Edward H.H. Garber, Attorney

PUBLIC AUCTION AT GOODS AUCTION
111 N. Maple Ave.
Leola, Pa. 17540

Hay - Straw - Corn

Every Wed. at 12:00 Noon

Farm Machinery First and Third Wed. of Each Month. Starting at 9:00 AM on Tools and Hardware. 12:00 Lawn and Garden Equipment 1:00 on Farm Machinery

NOTICE

Nothing unloaded day of sale except machinery and large equipt. All small items must be brought in and sold off the trucks.

No Out of State Checks
Selling with 5 Auctioneers

Good's Auction

PUBLIC SALE
FINE ANTIQUE FURN., LAMPS, GLASS & CHINA
For reasons of health I will sell the following personal property on my premises in Clarksville, just off Rt. #108 (Near Toyota Dealership), Howard County, Maryland, on:

SATURDAY, JULY 9, 1983
Starting at 10:00 A.M., the following:

FURNITURE- Pine 2 Pc. Pewter cupboard w/3 drawers & 3 doors below Ca. 1760, Wal. one Pc. corner cupboard Ca. 1810, Wal. 2 Pc. dutch cupboard w/2 doors of 6 panes each above, 3 drawers & 2 doors below, bracket feet, plate rack & spoon holder shelves; Lge. Penna. dower chest w/Orig. decorations, pine blanket chest w/2 bottom drawers, two glass door bookcases or china cabinets, one Pc. pine set back cupboard, one Pc. pine cupboard, Wal. six leg. D.L. table w/wide leaves, Queen Anne style D.L. table, pine drysink, two Wal. M.T. Vict. wash stands, cherry D.L. desk, mirrored ball rack, Sm. Wal. D.L. desk Ca. 1940, Wal. parlor table, cherry parlor table, pine farm type table, Wal. server Ca. 1880, Wal. Vict. dresser, softwood wash stand w/tear drop pulls, iron & brass bed, brass clothes tree, Jenny Lind type trunk, Dec. tilt top table, tea wagon, six drawer oak chest, 5 shelf Wal. Vict. what-not, set of 4 oak pressed back chairs w/cane seats, child's rocker, Misc. chairs & rockers, Sm. barber case, open wash stand, copper apple butter kettle, other Misc. rough furniture stored in garage.

LAMPS- Sev. G.W.W. lamps including one red satin glass, Aladdin lamp in pink glass & Orig. shade, brass & onyx organ lamps, piano lamp, Sev. Rayo & glass lamps, Sev. Min. lamps, other unlisted lamps.

GLASS & CHINA - 14 Pc. fish set, 12 Pcs. of cut glass, Sev. signed; flint glass butter dish, Sev. copper tea leaf Pcs., Lge. signed Heisy punch bowl & base, another Heisy bowl, covered compote w/Dbl. owl handle, moon & star compote, set of Indian tree pattern china, cake stands, I.S. china, epernene, Sev. copper lustre Pcs., ginger jar, end of day vase, Nippon, bisque figurines, 10" art glass vase, some flo-blue, 33 Pc. set of Noritake china, majolica, Sev. Pcs. of carnival glass, McKinley bread plate, over 200 Pcs. of glass & china, Sev.-blue Dec. crocks, butter print, wood duck decoy, plated flatware, pictures & frames, Sev. quilts, school house clock, Sev. mantel clocks, many unlisted articles for full day auction.

SALE IN TENT

TERMS- Cash on day of auction. Inspection from 9:00 A.M. on day of auction. No buyers premium. All sales subject to Maryland Sales Tax unless Maryland Sales Tax Exemption Certificate is presented to Clerk. Not responsible for any accidents on the premises. Nothing to be removed until settled for. Lunch sold.

Owner,
MRS. UNDINE H. PRINTZ

Auctin Bohn, Auctioneer
Ph. 775-7607
Jacob Altvater, Clerk

TRUSTEE'S BANKRUPTCY SALE

In The United States Bankruptcy Court
For the District of Delaware

JOHN R, TOWNSEND JR. T/A Townsend's Total Performance. Chapter 7, Case No. 82-214

TUES., JULY 12, 1983

12 Noon

Location: Iron Hill Auction, 1115 Elkton Rd., Newark, Delaware.

A Large Quantity of Automotive Tools and Accessories: Snap-On-Tools, Craftsman Welder-230 Amp., etc: Call or write for detailed brochure. NO RETAIL.

Inspection: Day of sale from 9 A.M.

Terms: Guaranteed funds or personal checks approved by Trustee. No warranties. Entirety bid versus individual bids. Immediate removal.

A.J. Matas, Auctioneer
916 French St. Wilm. De. 19801
(302) 652-3490 - 658-3846 eve.

PUBLIC AUCTION

VALUABLE COMMERCIAL REAL ESTATE
CONSTRUCTION EQUIPMENT-TOOLS - ETC

The undersigned, consolidating business will offer at public auction the following, located one-mile North of Gettysburg on Business US 15 on

Monday, July 11

10:00 A.M.

All that tract of land lying and being in Straban Township, Adams County, Pa., having a frontage of 167 feet on Business US 15, depth of 200 feet south side, 203 feet north side and 132 feet width at rear, being improved with a large cement block building, one-part being 40'x60' having a 10'x12' and 12'x12' overhead doors and cement floor w/center drain; a part 41'x36' having 2-8'x10' overhead doors and office and one-part a 14'x19' frame office area.

This building has 2 part baths, fuel oil hot air heat, own well and septic system.

AUCTIONEER'S NOTE: This property and building is located only moments from all city facilities and downtown Gettysburg and offers unlimited potential for many different types of businesses. If wanting to expand or start new business, do not miss this auction of real estate.

INSPECTION OF REAL ESTATE - Appointment only by contacting undersigned owner or auctioneer.

TERMS OF REAL ESTATE - 10% Down - Balance on or before 30 days - Other terms at time of sale. SALE OF REAL ESTATE - 12:00 NOON.

CONSTRUCTION EQUIPMENT — TOOLS — ETC.

1958 Mack Tractor, Bucyrus Erie 51,000# lowboy (both offered separate & together); Caterpillar Model 212 grader; Huber Model 10-511 roller; Chevrolet Model C-60 Series dump truck; Ingersall Rand Model 234C2 1 h.p. air compresser; large Silent Glow Model BS3800-H portable heater; DeWalt 8" radial arm saw; Model HD9 Tool & Equipment, Inc. band saw for steel; Ground wacker, Master Vibrator Co.; Homelite 120V, 1500 watt, 12.5amp. generator; Sears 115 volt, 1100 watt alternator; Mod. 3B1 Marlow water pump w/Wisconsin motor; Tecumseh water pump w/motor; Gardner Denver air drill; Gardner Denver jack hammer; 1¼ ton floor jack; new bench drill press; assorted bits f/jack hammer; 3000# floor jack; 100 gal. fuel tank; pr. steel stand jacks; Stanley Handyman saw, jointer & grinder combined; Screedmatic gas powered vibrating screed f/concrete; Steam Jenny; 2 sets construction scaffolding; set scaffold wheels, 2 pr. basement post jacks; 2-50lb. cans welding rods; cutting off blades; set Victor Burning Gauges; grinding wheels; Ridgid Pipe threaders 3/4"-2"; Ridgid pipe cutter; Ridgid cutting oil; 300' #3/0 300 AMP Welding cable; 250' ½" Seal-Tite Flex Conduct; 2 new heat duct fans; welding supplies; lot electrical wire & cable; 4 gal. High grease; roll Tri-Plex electric service cable; assorted tools; misc. electrical items; cast iron pipe cutter; gas lead pot w/tools & tank; misc. plumbing items; other miscellaneous items.

Owner,
J.D.C. SALES, INC.
Ph: 717-334-1987
C. David Redding, Auctioneer
1085 Table Rock Road - Gettysburg, Pa.
Ph: 717-334-6941
Bigham & Raffensperger, Attorneys

Public Auction Register

Closing Date - Monday, 5 00 P M of each week's publication

THURS. JULY 7 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS JULY 7 - 6 PM Public Auction of Lumber Located in Union Co , PA, Buffalo Valley, approx 60 mi north of Harrisburg, PA from Mifflinburg, take 45 west 7½ mi to Stage Coach Stop on left, turn left ¼ mi to Elmwood Farms on right Peachy Lumber Co and Elmwood Farms, Owners. J Omar Landis Auction Service

FRI JULY 8 12 Noon Public Auction of Farm Equipment. Located between Hamburg and Reading, just off Rt 61, sale to be held at the Leesport Market and Auction grounds, Berks Co , PA Nathan Ohlinger, Owner. Ralph W Zettlemoyer Auction Co , Inc

FRI JULY 8 - 1 30 PM Public Auction of Pigs Located At Carlisle Livestock Market, Inc , ex it 12 off I-81

FRI JULY 8 7 30 PM Public Auction of Cattle. Located 15 mi north of Carlisle on Rt 74, 2½ mi northeast of Landisburg, Perry Co , PA V Art Kling, Owner Mark Glick, Auctioneer

FRI JULY 8 7 PM Public Auction of Real Estate Located in Elizabeth Twp , Lancaster Co , PA at Speedwell Forge, just north of Speedwell Forge lake along Speedwell Forge Rd K P Darlington, Owner E M Murry, Auctioneer

FRI JULY 8 8 PM Public Auction of Cattle Located 5 mi south of Lakewood, PA, on the road to Pleasant Mount, 7 mi north of Pleasant Mount, 20 mi north of Honesdale and 25 mi west of Damascus Joseph Kaczka, Owner Wayne E Weaver, Auctioneer

SAT JULY 9 - Benefit Auction Located at 1050 E. Newport Rd., Lititz, PA 17543. Lititz Area Mennonite School John E and Paul E Martin, Auctioneers.

FRI AND SAT JULY 8 and 9 - 10 AM Public Auction of Antiques, Household Goods, Crocks, Quilts, Iron, Tin, Brass Articles and Hand and Garden Tools Located along Fairview Church Rd , R D 2, New Providence, Lanc. Co., PA, from Lancaster, PA, take #222 about 12 mi south of Lanc to Smith Beer Dist , at R R arch, turn right onto Fairview Church Rd and go 1 mi. to sale or just north of Quarryville, PA Mrs Christian J. Good, Owner Howard Shaub and Roy Probst, Auctioneers.

SAT JULY 9 9 AM Public Auction of Real Estate, Store Building, Store Fixtures, Equipment and Groceries. Located on the premises in Cross Roads Boro, York Co , PA, along the road to Felton Pete and Mary Schultz, Owners Robert L Sechrist, Auctioneer

SAT JULY 9 - 9 AM Public Auction of Real Estate and Personal Property Located at 12544 Orchard Circle, Mercersburg, Franklin Co , PA. J Robert Meyers, Auctioneer

SAT JULY 9 - 10 AM Public Auction of Household Furnishings, Antiques, Farm Equipment and Cattle Located in Perry Co from Newport, take 4th St , 7 mi to Turkey Bird Rd , then 2 mi to property on right, just past Mt Olivet Church Mr. and Mrs Charles Black, Owners Klings Auction Service

SAT JULY 9 - 10 AM Public Auction of Antiques, Household, Tools and Guns. Located at 583 Legion Rd , Bloomsburg on Danville-Catawissa Rd , off Rt 42 south of Bloomsburg James and Mae Rishel, Owners John Autotore and John Autotore, Jr , Auctioneers

SAT JULY 9 9 AM Public Auction of Horse Drawn Farm Machinery, Harness, Lumber, Tools and Etc Museum Items, and Woodland Located at the carnival grounds just off Rt 73 in Oley, Berks Co , PA John L Hoch Estate David S Allgyer, Auctioneer

MON JULY 11 10 AM Public Auction of Real Estate, Construction Equipment, Tools and Etc Located 1 mi north of Gettysburg on Business US 15 J D C Sales, Inc Owners C David Redding, Auctioneer

MON JULY 11 - 12 30 PM Public Auction of Masonry Building, Exhaust Fans, Swing Saw Clamps, Cabinet Fronts and Doors and Safe Located at intersection of Hendricks and Old Church Rds , Salford, Upper Salford Twp , PA Salford Corp , Owner Sandford Alderfer, Auctioneer

TUES JULY 12 5 30 PM Farmersville Auction in Farmersville 3 mi East of Brownstown, Lancaster County, Pa John J Rutt Auctioneers

WED JULY 13 7 PM Public Auction of Real Estate Located at 902 Harris Rd , RD 2 Oxford, PA, Little Britain Twp Lanc Co , PA, from Little Britian, take #272 South about 3 mi turn left onto Pine Grove Rd , to Harts Rd , turn left to sale Mr and Mrs Melvin G McDowell, Jr , Owners Howard Shaub, Auctioneers

THURS JULY 14 10 AM Public Auction of Excation and Asphalt Paving Equipment Located at R L Rosendale, Inc shop and yard facility on Porter Rd in Lower Pottsgrove Twp , Pottstown, PA Vilsmeier Auction Co Inc

ABSOLUTE AUCTION

4 PARCELS OF REAL ESTATE
FORD BRONCO, FARM MACHINERY
POWER & HAND TOOLS, COINS, FIREARMS, COLLECTOR'S ITEMS & HOUSEHOLD FURNISHINGS
FOR: FLORENCE L. BARNDT
R.D.#1, Dushore, PA
(Located on Black Creek Rd., T405, N. of Rt. 87, bet. Lick Creek & Taylor Rds. Look for directional signs.)

SAT., JULY 16, 1983 9:00 A.M.

Real Estate at 1:00 P.M.

REAL ESTATE: Parcel #1 - 12 Acres w/a 2½ Sty frame dwelling w/13 rooms & 2 full baths Outbuildings include a lg frame barn **Parcel #2** - 15 Acres open land w/elec & drilled well & excellent view **Parcel #3** - 105 Acres open land w/2 room frame cabin, high elevation, 3 areas wooded, 2 streams **Parcel #4** - 21 Acres woodland w/20' right of way from T405 1 118' fronting Black Creek **INSPECTION** - Sat , July 9th, 12 2 P M or by appt **TERMS - 10% down day of auction, settlement w/in 45 days**

FARM MACHINERY - Farmall C w/snow blade Ford 9N tractor, plow rotary mower manure spreader cultivator potato digger Oliver baler SPRING BUGGY **FORD BRONCO** - 4 x 4, mower air compressor hand tools woodcutting tools Craftsman bench saw jigsaw planer & jointer **FIREARMS** - Handguns rifles & shotguns **COINS** include Morgan silver dollars Barber & Liberty Walking halves Washington quarters etc **ANTIQUES & COLLECTOR'S ITEMS** - Carpet maker's loom dated 1826 & carpet creamery cupboard kit cupboard oak furniture, oval marble top lamp stand Gone with the Wind lamp & many other interesting & valuable items **HOUSEHOLD FURNISHINGS & APPLIANCES** will include freezer chest, washer & dryer wood burning stove Bring your own chairs **TERMS - CASH. LUNCH NOTE - This is only a partial listing, request brochure**

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike (Rt 113)
Box 1, Harleysville PA 19438
215-723-1171 or 256-8892

PUBLIC AUCTION

VALUABLE REAL ESTATE
11 ACRES WOODLAND
FRIDAY EVENING, JULY 8, 1983
7:00 P.M.

Located in Elizabeth Township, Lancaster County, Pa. at Speedwell Forge. Just North of the Speedwell Forge Lake along Speedwell Forge Road.

You surely will live this nice plot of woodland. Containing 11 acres M/L. Excellent frontage. Please don't pass this one by, a rare opportunity.

Sale By
K.P. DARLINGTON

E.M. Murry Associates, Auctioneers
James W. Appel, Atty.
Appel-Sorrentino & Yost

E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626 5244 626 2636
Richard Murry 626 8175 949 2280
Ken Miller 665 2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

DAIRY HERD & EQUIPMENT SALE

FRIDAY, JULY 15, 1983
11:00 A.M.

Located off Pa. Route 15 at Mechanicsburg, Cumberland Co., Pa., on Rossmoyne Road (First Farm on right)
The Farm Has Been Sold For Development And The Following Will Be Sold!

Precast Concrete Upright Bunker Silo
Mfg. By Sollenberger Silos Corp.
100 x 21 Ft., Approx. 360 Tons Capacity, 1 Yr. Old

Surge Pipe Line and Auto. Washer for 50 Cows with enough Pipe for More - 1½ inch Glass - 4 Nu Pulse Milker Units; Patz Gutter Cleaner with approx. 400 ft. Chain (2½ years old); 9 Cow Mats; Comfort Stalls for 50 Cows; Plus Usual Dairy Equipment; Majonnier 800 Gal. Bulk Tank with Mueller Washer; Antibiotic Test Kit; 5 Barn Fans; Bedding Chopper with Honda Motor; 12 Ft. Transport Harrow & 2 Drag Harrows.

50 HEAD OF HOLSTEINS
1 Reg. AYRSHIRE

The Herd Consists of Cattle in Various Stages of Lactation with Approx. 10 Holsteins Registered - Balance Good Grade Cows and First Calf Heifers.

8 Have Just Been Fresh with 15 more Due for Base Milk - Also 6 Springing First Calf Heifers. Most Cattle Carry Service to Atlantic Breeders; Pregnancy Checked; Certified & Accredited; DHIA Records; Catalogs Day of Sale.

Not Responsible for Accidents
I.D. Required for Bidder's No.
Lunch Stand by Women of Farm Group 20

Owner,
DALE S. RITTER
1152 Rossmoyne Rd.
Mechanicsburg, Pa.
717-697-1689
Fred Naugle, Pedigrees

AUCTION SERVICE KLING'S
R. D. 1, Landisburg, PA 17040
tel. 717-789-3883

PUBLIC AUCTION

SATURDAY, JULY 23, 1983
At 10:00 A.M.

In the Village of MANDATA; 12 miles South of Sunbury; Turn East off Rt. 225 at General Store & Hotel; take Mandata to Urban Road.

SHOP TOOLS & EQUIPMENT

Kellogg American 10 H.P. Air Compressor w/120 gal. Tank; like new; Delta Drill Press w/No. 2 Chuck & 1 H.P. Motor; Handley 16" Metal Shaper w/Lincoln 4-Speed Transmission; Multiplex 60 Radial Arm Saw 5 H.P.; Excelsior Power Hack Saw; 1 H.P. Bench Grinder; Bishman Command Air Tire Changer; Wheel Balancer; ½" & ¾" Air Wrenches; Lincoln DC Welder; Acetylene Torch w/Tank Cart; High Pressure Washer; Air Floor Jacks; Steam Jenny; Hydraulic Jacks 5 Ton to 20 Ton Capacity; Hydraulic Cylinders & Pumps; Hand Press; (2) Chain Hoists; Calcium Tire Pump w/B&S Engine; Air Drill w/Points & Spade; Barrel Pump; ½ H.P. Jet Pump; Railroad Jacks; Shop Lights; Carts; Metal Shelving; Chains; Binders; Lg. assortment Bolts, Rivets, Screws, Clamps, Brass Fittings, Pullers; various size Shafting; Electric Motors; Cutters; Reamers; Pipe Fittings; Scrap metal & other Metal; Wet Grindstone; Lot Hand Tools & Wrenches; Creepers; Bag Cart; Refrigerator; Gas Hotplate; 275 gal. Fuel Tank; Metal Desk; Chair; 4-Drawer File Cabinet; Electric Adding Machine; Victor Adder-Register.

W-D ALLIS CHALMERS TRACTOR with SCOOP

Note: Building has been sold and Owner is retiring. This is your opportunity to purchase tools & equipment ready to go to work for you! Plan now to attend.

Lunch Available

MR. & MRS. LLOYD M. SMELTZ,
Owners

DEIBERT
George & Mike
Auctioneers
(717) 425-3313

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

FRI JULY 15 - 5 30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. JULY 15 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 mi. east of Middleburg, 5 mi west of Selinsgrove, PA

FRI JULY 15 - 11 AM Public Auction of Cattle and Equipment Located off PA Rt 15 at Mechanicsburg, Cumberland Co, PA on Rossmoyne Rd , 1st farm on right Dale S Ritter, Owner Klings Auction Service

FRI JULY 15 - 7 PM Public Auction of 150-200 Head Special Horses Located to be held at New Holland Sales Stables, Inc, 12 mi east of Lancaster, PA, just off Rt 23, New Holland, PA.

SAT., JULY 16 - Public Auction of Real Estate, Personal Property and Coins Located along Yellow Hill Rd, south of Bowmansville Anna Mary Fritz Estate Randal V Kline, Lloyd Kreider, and Roy Good, Jr, Auctioneers

SAT JULY 16 - 9 30 AM Public Auction of Construction Equipment, Line Equipment and Vehicles Located at PP&L's facility at Union Blvd and Plymouth St, Allentown, PA Vilsmeier Auction Co, Inc

SAT JULY 16 9 30 AM Public Auction of Gasoline Engines, Antiques and Personal Property Located at corner of Country Club Rd and Pleasant Ave, Red Lion, PA, York Co Leroy J Shoff Estate Jacob A Gilbert, Auctioneer

SAT JULY 16 9 AM Public Auction of Real Estate, Ford Bronco, Farm Machinery, Power and Hand Tools, Coins, Firearms, Collector's Items and Household Furnishings Located on Black Creek Rd, T405, North of Rt 87, between Lick Creek and Taylor Rds Florence L Barndt, Owner Sandord A. Alderfer, Inc, Auctioneers

SAT JULY 16 - 9 AM Public Auction of Real Estate, Antiques, Household Goods and JD Lawn Tractor Located along Little Britain Road, ½ mi south of Robert Fulton Birthplace off Rt 222, 4 mi south of Quarryville Clara M Bradley Estate J Everett Kreider, Auctioneer

SAT JULY 16 10 AM PUblic Auction of Real Estate, Farm Equipment, Antiques, Alaskan Items, Furs, Butcher Equipment, Guns and Furnishings Located on Vera Cruz Rd, Reinholds, RD 2, Lancaster Co, PA, 10 mi southwest of Reading, 15 mi northeast of Lancaster, PA, 50 mi west northwest of Phila, take Rt 272 north from Ephrata, PA, 6 mi turn left onto 897 continue 2 mi turn right onto Vera Cruz Rd, proceed 1 mi, park off roadway, walk in gravel drive on right onto farm grounds William and Helene Showalter Owners Paul Landis and Hop Usner, Auctioneers

TUES JULY 19 5 30 PM Public Auction of Antiques and Household Goods Located at 90 Spruce St, Ephrata, PA Jacob H Getz, Owner T Glenn and Timothy G Horst, Auctioneers

TUES JULY 19 - 11 AM Public Auction of Cattle Located in Newark Valley, NY, 2 mi northwest of Newark Valley and Rt 38, on Howard Hill Rd William D Needham and Family, Owners William Kent, Inc, Auctioneer

TUES JULY 19 - 8 P M Lewis Brown s 17th Annual Bred Holstein Heifer Sale Located at the Smoketown Quality Dairy Sales Barn along 340 just east of Rt 30, Lancaster Co Gordon Fritz, Sale Manager Kettering, Pedigrees Diller and Snyder, Auctioneers

THURS JULY 21 - Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

THURS JULY 21 - 7 PM Public Auction of Real Estate and Woodland Located along Cocalico Rd, approx ½ mi north of Schoeneck, between Schoeneck and Cocalico, West Cocalico Twp., Lanc Co., PA Wilbur and Minerva Lesher, Owners T Glenn and Timothy G Horst, Auctioneers

THURS. JULY 21 12 30 PM Public Auction of Cattle Located 3 mi northwest of Oxford, PA W Frank and Jettie Mills, Owners Steve Peter sheim, Auctioneer

FRI JULY 22 7 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI JULY 22 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

ABSOLUTE AUCTION

3 STORY MASONRY BUILDING, PRESENT USE-FURNITURE FACTORY EXHAUST FANS, SWING SAW, CLAMPS CABINET FRONTS & DOORS, SAFE

For: SALFORD CORP.

At intersection of Hendricks & Old Church Rds., Salford, Upper Salford Twp., PA.

MON., JULY 11, 1983

12:30 P.M.

Real Estate will be offered at 12:30 P.M. w/machinery & wood stock immed. following.

REAL ESTATE - 3 Sty. masonry bldg. presently used as a furniture factory, each floor has a lg. work area, loading door, & powder room; all floors serviced by elevator, showroom & office on 3rd floor; oil fired heater; 3 phase 440 electricity. INSPECTION - By appointment; **TERMS - $5,000 down day of auction; settlement within 60 days.**

EQUIPMENT - Lumber, 2 complete exhaust systems, rough cut swing saw - 3 phase, safe, clamps, dollies, lg. grouping of cabinet parts; Request detailed brochure. **TERMS - CASH.**

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike, (Rt 113)
Box 1, Harleysville, PA 19438
215-723-1171 or 256-8892

FRANK TOMAZIN
PUBLIC AUCTION
OF VALUABLE FARM (APPROX 99 ACRES)

Thursday, July 28, 1983

6:00 P.M.

Located North East of Fredericksburg. Travel East on Route 22 to Fredericksburg American Legion, turn left and go approximately ¼ mile to Maple Lane Road, turn left and procede to sale.

REAL ESTATE-FARM

Tract #1 Approx. 60 acres of land with the following improvements. 2½ story (remodeled) farm house with (4) bedrooms, (1½) baths, kitchen, dining, livingroom with stone fireplace and insert. Property also has 60'x100' barn with 26 stauchins, heated milk house, butcher room and restrooms. There is also a 60' loafing shed, equipment shed, (30'x100') like new, 12'x20' tool shed, corn cribs, pond and stream.

Tract #2 approximately 39 acres of farmland

NOTE: These tracts to be offered as (2) separate parcels and also as (1) unit. Inspection day (Open House) Thursday Eve., July 7, 1983 from 5:30 P.M. to 7:30 P.M. or by calling 865-5346, or by calling auctioneer for appointment. Terms being 10% down and balance in 30 days or upon settlement prior thereto.

Conditions By
MR. & MRS. FRANK TOMAZIN
Auctioneer Dale Rudy
(865-3766)
Attorney Herbert A. Schaffner

PIGS
"STATE GRADED"
FRI., JULY 8
1:30 P.M.
GRADING
8.00 A.M-12 NOON
CARLISLE
LIVESTOCK MARKET, INC.
Exit 12 Off I-81
(717) 249-4511 or
Evenings Jim, 249-2359

AUCTION SALE
COMPLETE LIQUIDATION
THURS., JULY 14, 10 A.M.

FOR. R.L. Rosendale, Inc., Porter Rd. in Lower Pottsgrove Twp., Pottstown, Pa. (Behind Pottstown Memorial Medical Ctr.)

PICKUP & VAN: '76 GMC Sierra 35 & '73 GMC 'Duravan' Plus 250 amp Welder, Air Compressors Pressure Washer, Tire Changer Drill Press Grinder Shop Vises, Air Tools, Pumps, Lubers Grease Guns, Chain Horsts, Jacks, Drills Wrenches; Hand Tools Pressure Machinist Tools Eng & Surveying Equip, Snow Plows, Spreaders, Forklift Tagalong & Flatbed Trailers Dump Tks, Rollers, Sealers, Pavers Maintainers Loaders & Backhoe, Crawler Tractors, etc Approx 4.9 acres Zoned Indus will also be offered "subject to owners confirmation" **Real Estate Terms: 10% down sale day, settlement in 90 days. TERMS COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY. Write or call for descriptive brochure**

VILSMEIER AUCTION CO., INC.
Rt. 309, Montgomeryville, Pa. 18936
(215) 699-5833

LITITZ AREA MENNONITE SCHOOL ANNUAL BENEFIT

PUBLIC AUCTION
SATURDAY, JULY 9, 1983

Auction Time 9:30 A.M.

Location: Take Route 501 North from Lititz to Newport Road, turn right approx. 2 miles to the school on right. Warwick Township, Lancaster County, Pa.

The Sleigh pictured above which is in beautiful condition will be sold at 12:30 p.m.

THIRTY "plus" QUILTS

in various sizes and patterns including: Giant Dahlia, Pyramid, Missouri Puzzle, Shadow Box, Double Wedding Ring, Philadelphia Pavement, Dresden Plate, Distlefink, Broken Star. FEATURE QUILT: Embroidered Quilt, with individually embroidered patches by the Jr. High Girls. Assortment of Craft Items.

BOLENS 22 INCH
SELF-PROPELLED MULCHING MOWER
NEW PICNIC TABLE
NEW UPHOLSTERED ROCKER

New Table Lamps; 2 Used IBM Dic-ta-phones; New Deluxe Express Wagon with Air Tires & Racks.

MEAT POULTRY & PRODUCE PRODUCTS
Hardware Items; Lawn & Garden Supplies; Auto Supplies; Driveway Sealer; LARGE AUTOMOBILE BICYCLE RACK; 2 Good 20 Cu. Ft. Freezers.

COLLECTABLES

HAND PAINTED PICTURE OF THE SCHOOL; 2 Dolly Dingle Plates, World Travel First Edition; 1980 Hummel Plate; 2 Goebel Christmas Ornaments; 4 Goebel Crystal Bells, 1st Edition; Norman Rockwell Toymaker; Bilerov Bock Ltd. Ed. Plaque; 4 Figurines.

LARGE ASSORTMENT OF HOUSE AND NURSERY PLANTS to be sold at 2:30 p.m. GIFT CERTIFICATES FROM AREA BUSINESS; DINNER TICKETS FROM AREA RESTAURANTS AND MANY OTHER ITEMS.

LUNCH AVAILABLE: Roast Pork Sandwiches, Salad Bar, Subs, French Fries, Funnel Cakes, Dipped Ice Cream, Pies, Cakes, Root Beer Floats.

Auction by:
LITITZ AREA MENNONITE SCHOOL
(717) 626-9551
AUCTIONEERS:
John E. Martin - Paul E. Martin
John Stauffer - Merle Eberly
Elvin Siegrist - Roy Good

Any patrons or friends of the school wanting to donate items for this Auction should contact one of the following: Ernest Stauffer (717) 733-3763, Robert Garman (717) 627-0555, Gerald Weaver (717) 733-7441.

This is your opportunity to support the Lititz Area Mennonite School by attending this auction. Auction to be held in tent - bring lawn chairs and plan to spend the day with us.

JULY 18th
COMPLETE DAIRY DISPERSAL
110 CATTLE

FOR JAMES & JANE COHICK
Rt. 6, Carlisle
Sensenig Auction Service

PUBLIC AUCTION
FARM EQUIPMENT
For Nathan Ohlinger
FRIDAY, JULY 8, 1983
At 12 Noon

Located between Hamburg and Reading, just off Rt. 61, sale to be held at the Leesport Market and Auction grounds, Berks Co., PA.

1206 Farmall diesel w/duals; JD 2510 diesel tractor; Farmall M tractor w/live hyd.; Glenco 9' soilsaver; IH 470 transport disc; 12' cultipacker w/transport wheel; IH #510-16 double disc grain drill; JD 1250 plateless 6-30" row planter w/Gandy curb attach.; MF 410 combine w/#43-4 row corn head; NH 56 rake; NH 310 baler w/thrower, used 2 years; MC 3 beater manure spreader; 2-gravity grain wagons; 2-14' bale side wagon w/wide trac gears. Century 300 gallon weed sprayer; Mustang skid steer loader with 36" bucket.

Terms: Cash or check

Conducted by: Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084

AUTOTORE'S AUCTION

SATURDAY, JULY 9, 1983
Starting at 10 A.M.

583 Legion Road Bloomsburg on (Danville-Catawissa Road) - off Rt. 42 South of Bloomsburg (Follow Auction Signs)

ANTIQUES - HOUSEHOLD - TOOLS - GUNS

James & Mae Rishel having relocated are selling the following. Oak roll top desk, high back bed, high back dry sink, HERSCHEDES tall case clock w/moon dial, Duncan Phyfe gaming table, Duncan Phyfe drop leaf table, cherry drop leaf table, oak wash stand, drop front desk, cherry medicine chest, COLUMBIA-MONTOUR HISTORY VOL'S 1 & 2, coo-coo clock, caned chairs, Winsor chair, dressers, double bed, 5 pc. breakfast set, Zenith port. TV, davano bed, lg. slaw cutter w/carrage, Cold Spot chest freezer, G.E. Ref., 4 drawer file cabinet, brass hanging scales, recliners, White treadle sewing machine, rockers, copper tea kettle, mounted deer head, lanterns, picture pump, afghans, blankets, sheets, etc., cast book ends, lard press, sausage grinder w/motor, carbite lite, crocks, jugs, german crystal, Lenox dishes, service for 12 Nortake dishes, glass ware, cooking utensils, sml. elec. appliances.

AIR BOAT w/LYCOMING ENGINE

Pontoons (Alum), app. 20 storm windows, new storm door, fishing poles, lots of hand tools, EVINRUDE 3 hp. motor, SCOTT 7 hp motor, acetylene w/torches & tanks, welding accessories, ERGOLYTE welder w/100' cable, commercial air-compressor, bench drill press, paint spray guns, 10 ton press, C/N come-a-long, balance scales, wheel barrow, power reel lawnmower, Walker floor jack, lawn seeder, Craftsman router, par-gas regulators, Bitco bench grinder, rea-a-stats, flashing, ext. cords, 10' elec. heaters, 5' elec. heaters, tractor chains, scrap, lg. TV antenna, etc, etc.

9'x10' new alum. bldg. (never assembled) w/2x4 floor. 1888 44 Winchester repeating rifle w/octagon barrel, 30-06 rifle w/Jinerti scope, 12 gauge W.M. Moore double barrel-hammer shot gun, 303 British rifle, plus many unlisted items.

Terms - Cash

Sellers
JAMES & MAE RISHEL
Auctioneers - John Autotore 784-3506
John Jr. 784-0381

Note - Sale will start with tools and then mixed with household items, come early, plan to stay late.

PUBLIC SALE

VALUABLE REAL ESTATE, STORE BUILDING, STORE FIXTURES, EQUIPMENT & GROCERIES

SATURDAY, JULY 9, 1983

At 9:00 A.M.

Located on the premises in Cross Roads Boro, York Co., Pa. along the road to Felton.

11:00 A.M. Real Estate - Store Building
11:00 A.M.

Property known as Petes Market, containing .866 acre of land and improved w/a 1 story 36x75 ft. cement block store building, having oil fired hot air heat & central air conditioning, well water & on site septic system. For inspection by appt. please call 717-993-2828. Terms 10% down day of sale w/balance in 30 days. Real estate to be offered at 11 a.m.

12:00 Noon Store Fixtures & Equipment
12:00 Noon

5'x8' Bally walk-in cooler; Pinnacle 4 door upright frozen food case, like new, used 3 yrs.; Mohawk 8 ft. ice cream freezer; 8 ft. 3 door dairy case; 12 ft. produce case; 2 frozen food freezers; McCray 8 & 12 ft. meat cases; Hobart electric computing scale; Belkel scale; Butcher Boy band meat saw; Globe meat grinder; Globe meat slicer; lg. butcher block on legs; cube steak machine; bar-b-q over; Tec MA 140 cash register; slush machine; soda case; counters; wood & metal store shelving; candy & bread racks; lg. push cart; lg. stainless steel double drain sink, etc. (Note: all lg. equipment have Copeland compressors w/single phase motors). Attn: store fixtures & equipment to be offered after the real estate at 12 noon.

Beginning at 9 A.M. all remaining general line of groceries & store stock, canned goods, cereals, paper supplies, patent medicine, toiletries, candy, tobacco products & many items too numerous to mention.

Terms: cash or approved check

PETE & MARY SCHULTZ,
Owners
Robert L. Sechrist, auctioneer
Anderson & Warner, clerks
Not responsible for accidents

PUBLIC SALE

From Interstate 81 South of Martinsburg, W.Va., Take Exit #5 (Inwood, W.Va.) Route 51 East approximately 3½ miles to Shutts' Cash Grocery (formerly Haines'), Turn right - .2 of a mile to sale -- OR -- From Charles Town, W.Va., Take Route 51 West - Go approximately 8 miles to Shutts' Cash Grocery - Turn left - .2 of a mile to sale on

MONDAY, JULY, 4, 1983

At 9:00 A.M.

Approximately 20 - 25 Tractors – Including Cubs, Fords, John Deere, Internationals, Fergusens and many other makes. Also – We will be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 ft. blades, post hole diggers, discs, wood saw, rakes, balers, grain elevators, corn planters, corn pickers, and many other farm related articles too numerous to list.

We will also be offering a good selection of new and used tools, some household articles, canned goods, hams, and other food items, some antiques, and other miscellaneous items.

CUZ of Pa. will be here with tapestries, watches, and sewing material.

TERMS: CASH. Nothing to be removed until settled for. ID required to receive bidding number.

EDGAR A. BOHRER
Sale Manager
304-229-8354
Auctioneers: Bohrer and Miller
Clerks: Bohrer and Bohrer

NOTE: THIS IS A CONSIGNMENT SALE. Let us turn your unused farm articles, household articles and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

ORDER OF SALE: Small items - Tools, household articles, food items, etc. will be offered promptly at 9 a.m. TRACTORS AND EQUIPMENT will be offered promptly at 1:00 p.m.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

Public Auction Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT JULY 23 9 AM Public Auction of New and Used Metal and Wood Working Machinery, Tools, Hardware and Etc Located at Rt 322, Blue Ball, Blue Ball Machine Works, Owner Sylvan Witmer, Auctioneer

SAT. JULY 23 9 30 AM Public Auction of Const Equip., Line Equip and Vehicles. Located adjacent to the Niagra Mohawk garage facility on Success Dr in Rome, NY Vilsmeier Auction Co , Inc

SAT JULY 23 9 AM Public Auction of Real Estate, Farm Machinery, Households and Antiques Located on Rt 183, 1 mi south of Rt 183 and Rt 443 Intersection, RD 3 Sch Haven, Wayne Twp , Schuylkill Co , PA Frances M Luckenbill, Owner Jay Riegel, Auctioneer

SAT JULY 23 10 AM Public Auction of Shop Tools and Equipment Located in the village of Mandata, 12 miles south of Sunbury, turn east off Rt 225 at General Store and Hotel, take Mandata to Urban Rd Mr and Mrs Lloyd Smeltz, Owners George and Mike Deibert, Auctioneers

SAT JULY 23 9 AM Public Auction of Cement Block Building, formerly a feed mill, Commercial Lot, 72 GMC feed truck, Feed Mill Equipment, New Hardware and Seeds Located on Main St , in Centerport, PA, Berks Co Hamburg Savings Trust Co and Delores Spatz, Owners

THURS. JULY 28 - 8.30 AM Public Auction of Electrical Items, Lab Equip and Material. Located within the NL Industry plant, just off Rt. 9 in Sayreville, NJ Vilsmeier Auction Co., Inc.

THURS. JULY 28 6 PM Public Auction of Farm. Located northeast of Fredericksburg, travel east on Rt 22 to Fredericksburg American Legion, turn left and go approx ¼ mi to Maple Lane Road, turn left and proceed to sale Mr and Mrs Frank Tomazin, Owners Dale Rudy, Auctioneer

THURS JULY 28 5 30 PM Public Auction of Mountainland, Personal Property, Farm Equipment and Household Items Located 1 mi. north of Klingerstown, turn north at Boyer's Meat Market along the Klingertown to Pillow Rd and go to first farm W.H. Schadel and Hilda L Schadel, Owners George and Mike Deibert, Auctioneers.

FRI. JULY 29 - 7 PM Public Auction of Swine Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds., 1½ mi. south of Lebanon, PA. PA Duroc and PA Yorkshire Assn's. Harry Bachman, Auctioneer.

FRI. JULY 29 - 5.30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT. JULY 30 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

AUGUST

THURS. AUG 4 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI AUG. 5 - 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG. 5 1 PM Public Auction of Cigar Factory. Located at 91 W Main St , Windsor, PA House of Windsor, Inc , Owner. Dale R. Peters, Auctioneer.

FRI. AUG. 12 - 5 30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI AUG. 12 - 9 AM Public Auction of Farm Equipment and Supplies to be held at New Holland Sales Stables, Inc , 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager

LUMBER AUCTION

THURSDAY, JULY 7, 1983

6:00 P.M.

"Everything Sells To The Highest Bidder Regardless of Price"

Located in Union County, Pa. (Buffalo Valley) Approx. 60 Miles North of Harrisburg, Pa. from Mifflinburg Take 45 West 7½ Miles to Stage Coach Stop on Left, Turn Left ¼ Mile to Elmwood Farms on Right.

We Are Offering For Sale
An Outstanding Stock of
Hardwoods & Softwoods
Kiln-Dryed, Graded, Air-Dryed
Approx. 12,000 to 14,000 bd. ft.

Red Oak 4/4	Walnut 4/4
White Oak 4/4	Cherry 4/4
Poplar 4/4 & 8/4	Sassafras 4/4
White Pine 4/4	Maple 4/4

Partial Listing Only

TERMS: Cash or Approved Check, Must Furnish ID

Sale by Order of:

PEACHY LUMBER CO.
R.D. 1 Box 119
Mifflintown, Pa. 17059

ELMWOOD FARMS
P.O. Box 178
Laurelton, Pa. 17835
717-922-1300

NOT RESPONSIBLE FOR ACCIDENTS
AUCTIONEER: Jay Witman

J. Omar Landis Auction Service
Jay M. Witman
Box 501
Apple & Robert Streets
Ephrata, PA 17522
717-627-0789 / 717-665-5735

PUBLIC SALE

OF REAL ESTATE

(Ranch house, 2 double cement block mushroom houses with a total of 4.845 acres of land)

WEDNESDAY, JULY 13, 1983

At 7:00 P.M.

Loc. at 902 Harts Road, R.D. #2, Oxford, PA, Little Britain Twp., Lanc. Co., PA. (Dir: from Little Britain,take #272 South about 3 miles, turn left on to Pine Grove Road, to Harts Road, turn left to sale).

Real Estate to be offered for sale as Purpart #1 first, Purpart #2 second, Purpart #3 third.

Purpart #1 - Ranch house, cement block w/stucco w/2-car garage. House contains; kitchen, 3 bedrooms, living room, full bath, fully cemented basement, 2-car garage. Lot size: 101' frontage by 499' depth, by 232' across rear. Total land - 1.836 acres.

Purpart #2 - 2 double (about 80' by 168') cement block mushroom houses w/2 packing rooms, cement loading area, lg. cement turning area; also, 1½ story 30' by 22' cement block equip. bldg. Lot size: 232' frontage by 400' depth by 363' across rear. Total land - 3.008 acres.

Purpart #3 - both Ranch home & Mushroom Houses all together with a total of 4.845 acres of land.

Property will be open for inspection Sat's: July 2 & 9 from 10:00 until 12:00 Noon, or call (717) 529-2665.

Sale by
MR. & MRS. MELVIN G. McDOWELL, JR.
Kenneth R. Kovelens, Attorney
HOWARD SHAUB, 464-3541
Auctioneer

2 PARCELS COUNTRY REAL ESTATE

PUBLIC SALE

Located in Central Juniata Co.

#1 33 total A., 6 A. cleared, 27 A. ridge land; frame house & machine shed & road frontage.

#2 30 A. ridge land & road frontage.

For info. contact Aucts.
LONG BROS., AUCTS.
R.D. 1, Port Royal, PA. 17082
Ph. 717-527-4458

PUBLIC SALE

REAL ESTATE, ANTIQUES, HOUSEHOLD GOODS & J.D. LAWN TRACTOR

Along Little Britian Road, ½ mile south of Robert Fulton Birthplace off Route 222. 4 miles south of Quarryville.

SATURDAY, JULY 16, 1983

9:00 A.M.

App. 7/8 acre of land w/app. 125 ft. frontage erected thereon concrete block ranch type home. 3 bedrooms; living room; kitchen & dining area w/full basement w/room converted for living, 2 fireplaces auto oil baseboard heat, storm windows & screens; closed in porch; good well; septic tank & drain field. Also small shed & carport. Ample shade. Along hard road.

Inspection of property June 25 from 2-4 or by appointment call 717-548-2284.

ANTIQUES

Large blanket chest; smaller blanket chest; large mill stone; 2 matching vasiline ware corn vases; 1 luster ware pitcher; individual salts; single ped. round ex. table w/3 boards; oak table; 4 drawer bureau; 3 cigar makers; kerosene lamps; 4 wall brackets for wall lamps; 2 water sets; old water pump; 2 ship trunks; 2 ladels (1 piece); 2 benches; large wicker rocker; copper wash boiler; brass kettle; iron cup cake molds; iron corn molds; 4 milk kettles, 1-2 qt. 1-4 qt. 2-8 qt.; candle mold; 2 brown jugs; mantle clock; school bell (small) 2 hens on nests; 2 teakettles; large glass basket; indian heads; brown bowl w/handle; Nipon, Carnival, and other dishes & glassware, buttons & marbles; cruets; Avon bottles; childs tea set.

Cashmere tureen; 2-6 gal. crocks, 2 & 1 gal. crocks; large jug & other jugs w/blue markings; flat irons; 2 small iron kettles; babbit dipper; wall hanger for large iron kettle; 15 wire top jars ½ pts. & pts.; bayonette for rifle; baskets; large Rittenhouse ledger of Chester Co. banks 1880-1882; 1909 Quarryville Sun; post card album & other post cards; cane top table; 2 clothe racks; 12 ft. wooden auger; 12 ft. concrete stroking board; lower section kitchen cabinet; tin ware; Biographical Annual of Lancaster Co. Pa. 1903; Anvil; post axe; lunch box; dictionary; trivots; 3 lanterns (2 state); campaign buttons.

Maytag auto. washer; dehumidifier; china closet; double bed w/cabinet head board; window air conditioners 1-4 mo. old; studio couch; Zenith 21 in. TV; pop up toaster; 2 vacuum cleaners; white elec. sewing machine; radio; record player; 2 metal wardrobes; TV antenna & motor (6 mos.); 4 metal cabinets; small table; porcelain top table; desk; 2 large wall mirrors; 3 large 1 small fans; 2 elec. heaters; 6 kitchen chairs; step stool; toaster oven; Newtone mixer; 2 iron skillets & other kitchen ware; Zenith portable TV; davenport; 2 end tables (Charles Browning); platform rocker; 2 small painted milk cans; plants; food chopper; adding machine.

John Deere 110 lawn tractor w/37 in. mower

Small platform scales; jig saw; elec. drill; slate hammer; ice tongs; emery wheel on motor; carpenters box; numerous other tools & garden tools; 2-14 in. studded snow tires; step ladder; slate top pool table, 2 mail boxes; garbage can; flower pots; tubs; garden hose; 3 canners; 2 milk cans; sled; quoits; minney net; wheel barrow; ladder; chunk stove; qt. jars; wagon seat; digging iron; shovels; hammers; 2 vices; many other articles not mentioned.

22 Savage rifle w/magazine scope, bolt action; 22 Winchester single shot bolt action; fishing rods.

Terms by
MARY V. BROWNING
Exor. of Clara M. Bradley Est.

J. Everett Kreider Auct.
William B. Arnold Atty.

Lunch by Robert Fulton Auxiliary

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SAT AUG 13 9 AM Public Auction of Antiques. Collectibles and Personal Property Located in the village of Pitman Schuylkill Co PA, watch for auction sign along Rt 125 in Mahantongo Valley midway between Hegins and Shamokin Warren C and Jean I Snyder, Owners George and Mike Deibert Auctioneers

THURS AUG 18 Monthly Cow Sale at Mel Kolb Inc Maryland Farm Woodsboro, MD

FRI AUG 19 6 PM Public Auction of Bred Gilts and Boars Located at the Lebanon Area Fairgrounds Cornwall and Evergreen Rds 1½ mi south of Lebanon PA Leon and Lawrence Arnold Mike Jones Auctioneer

FRI AUG 19 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son Auctioneers

FRI AUG 19 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister s Middleburg Auction Sales Inc , Rt 522 3 mi east of Middleburg, 5 mi west of Selinsgrove PA

SAT AUG 20 9 AM Public Auction of Farm, Lawn and Garden Equipment and Household Goods Located at the Leesport Auction Grounds Rt 61 north of Reading Berks Co Pomona Grange 15th Annual Community Sale / Auctioneers

WED AUG 24 6 PM Public Auction of Boars Located at PA Dept of Agric Meat Animal Evaluation Center 651 Fox Hollow Rd , State College PA 16801

FRI AUG 26 7 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan Auctioneer

FRI AUG 26 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

FRI AUG 26 7 PM Public Auction of Cattle Located at the Lebanon Area Fairgrounds Lebanon PA Lebanon County Holstein Club Sponsors Harry Bachman, Auctioneer

FRI EVE AUG 26 7 PM New Holland Sales Stables Inc , Annual Holstein Promotional Sale, to be held at the Sales Stables located 12 miles east of Lancaster off Rt 23 at New Holland Pa For more information contact Abe Diffenbach Manager

SAT AUG 27 11 AM Public Auction of Horses Located at Keister s Middleburg Auction Sales Inc , Rt 555, 3 mi east of Middleburg, PA 5 mi west of Selinsgrove PA Don and Walt Keister Owners Ray Long and Dave Imes Auctioneers

WED AUGUST 31 1 PM PA Classic Ayrshire Sale Guernsey Sale Barn Lancaster PA Milt Brubaker Sale Manager

SEPTEMBER

THURS SEPT 1 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm 2220 Dairy Road Lancaster Pa

FRI SEPT 2 9 AM Public Auction of Machinery Located at the Belleville Livestock Market Belleville, PA

FRI SEPT 2 Shade Acres Production Sale of 50 Head of Registered Holstein Located in Alexandria Huntingdon Co PA Klings Auction Service

FRI SEPT 9 9 AM Public Fall Community Auction Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan Auctioneer

FRI SEPT 9 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

THURS SEPT 15 Monthly Cow Sale at Mel Kolb Inc Maryland Farm Woodsboro, MD

FRI SEPT 16 7 PM Church of the Brethren Disaster Relief Heifer Auction Located at the Lebanon Co Fairgrounds Clair Kreider Mgr

FRI AND SAT SEPT 16 and 17 7th Annual Disaster Relief Auction and Heifer Sale Located at the Lebanon Area Fairgrounds Church of the Brethren Atlantic Northeast District Mark and Marty Hershey, Sale Chairman 717 626 5067

FRI SEPT 16 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market cross RR bridge, Ira Stoltzfus & Son Auctioneers

FRI SEPT 16 7 30 PM Public Auction of Registered Holstein Heifers. Located 2 mi south of Atglen on Old Route 41 Chester Co, PA Benefit West Fallowfield Christian School Kurtz, Petersheim and Stoltzfus Auctioneers

FRI SEPT 16 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister s Middleburg Auction Sales Inc , Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove PA

SAT SEPT 17 10 AM Public Country Auction Located 2 mi south of Atglen on Old Rt 41 Benefit West Fallowfield Christian School Kurtz Petersheim and Stoltzfus, Auctioneers

FRI SEPT. 23 1.30 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer.

FRI SEPT. 23 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

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PUBLIC AUCTION

THURSDAY, JULY 14, 1983
6:30 P.M.
10 Acre Farmette
9 miles south of Lancaster on Rt. 272

3 bedroom rancher, 2 story bank barn, large pond. With a little elbow grease this can be a showplace.

Absolute Sale

Owners
DONALD & KATHRYN NOLT

Auctioneer - Steve Petersheim
For information call 717-786-4624

TWO DAY
PUBLIC SALE

OF FINE ANTIQUES, HOUSEHOLD GOODS, CROCKS, QUILTS, IRON, TIN, BRASS ARTICLES, HAND & GARDEN TOOLS

FRIDAY, JULY 8 at 10:00
also
SAT. JULY 9 at 10:00

Loc. along Fairview Church Road, R.D. #2 New Providence, Lanc. Co., PA. (Dir: from Lanc., PA., take #222 about 12 miles South of Lanc. to Smith Beer Dists.; at R.R. arch, turn right on to Fairview Church Road and go 1 mile to sale; or just North of Quarryville, PA.)

FRIDAY, JULY 8 at 10:00

Start on china, iron, tin, wooden articles, crocks, misc. hsld. goods.

SAT., JULY 9 at 10:00

Antique fur. at 1:00 P.M., china, brass, tin, iron, tools, quilts, etc. FURNITURE: FINE WALNUT (Victorian): marble top dresser, high bed, love seat & side chair, hall rack, bookcase, coaches; Walnut marble top sideboard w/carved lions' heads, bookcase w/3 doors & 6 drawers base, jelly cupboard, hat rack, cane rocker, cupboard top, dough tray w/legs, spool wash stand, tool chest, ect.; OAK: 3 pc. bedroom suit, arm chair w/lions' heads, high chair, wash stand, child's rocker, clothes trees, sq. tables, cane rockers & chairs, mirrors, etc.; Curly Maple sewing stand, Empire chest of drawers; PLANK BOTTOM: high chair, chairs & stool; Ansonian & Gilbert mantel clocks, violin; MAHG.. record cab., sewing stand, smoking stand, etc.; meat bench, cedar wardrobe, iron & brass crib, Medal iron parlor stove w/brass top, iron chunk stove, oval trunk, etc.

Picture Frames & Pictures: Shirley Temple, fox hunt, old mill, 1919 Mt. Gretna soldiers & cars, etc.; old patch quilts & comforts; Bibles 1881 & 1882, books, postcards, blue dec. crocks & jugs, crocks, stoneware jugs, red clay crocks, spittoon, salt crocks, shipware; baskets; IRON HUBLEY: Bull dogs, bird, hound dog bank & cap guns, items in Brass, Iron, Copper, Iron (Banks), Wooden, Agate, Tin.

Dolls, Aladdin oil lamp, lg. sponge spatter pitcher, amber jug. Glassware & china in: German (choc. pot, etc.), Pressed, 2 blue Shirley Temple creamers, Green & Pink Dep., Ironstone, Orange Carnival, Dec. Ironstone, Milk Glass, Dark Pur., Japan, Mach. Etched, other very good glassware & china not listed.

Elec. table saw, mowers, hyd. jack, tools, other misc. articles not listed.

NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MRS. CHIRSITAN J. GOOD
(Maggie Good)
HOWARD SHAUB, 464-3541
and Roy C. Probst,
Auctioneers

DAIRY HERD DISPERSAL

Preston Twp., Wayne Co., Pa.

I the undersigned, will sell my milking herd at the Farm, located 5 miles South of Lakewood, Pa. on the road to Pleasant Mount, 7 miles North of Pleasant Mount. 20 miles North of Honesdale and 25 miles West of Damascus. Watch for arrows.

FRIDAY EVENING, JULY 8th, 1983
At 8:00 P.M.

24 HI-GRADE HOLSTEINS AND JERSEYS 24

This offering includes 21 Holsteins with 1 close Springer, 5 fresh last 70 days, 2 due July, 2 due in Aug., 3 bred for Sept., 3 for Aug., 2 fancy bred heifers with 1 bred for July and 1 for Aug. 3 Jersey with 1 close springer. 1 due in Aug. and 1 due in Sept. Majority of young with a creamery test of 3.8 to 4.0%. This herd has not been pushed, but show a lot of milk and as you know are the rightkind to buy.

30 day T.B. and blood test interstate charts evening of sale. John Wood 300 gallon bulk tank & compressor. make plans to attend this good Wayne County Dispersal July 8th at 8:00 P.M.

Terms Cash or approved check.

JOSEPH KACZKA, Owner
Lakewood RD #1 Penna.
Wayne E. Weaver, Auctioneer
RD #2 Tunkhannock, Pa.
PH: 717-333-4194

CUMBERLAND VALLEY JERSEY BREEDERS SALE

JULY 4, 1983
12:30 P.M.

Shippensburg Fairgrounds, S. Fayette St., Shippensburg, PA. From I-81, use Exit 9; From PA Turnpike, use Exit 15.

SELLING 39 REGISTERED JERSEYS
COWS AND BRED HEIFERS

17 head recently fresh, 13 due in July, 9 due in August.

Breeders from Pennsylvania and neighboring states are sending consignments.

Many popular, plus-proven sires represented, including Favorite Saint, PD +1775; Grarnhil Leader Sophia Samson, PD +1357; Willrich Mercury (LL), PD +1696; Brigham Vol Zev of Ogston, PD +1272; Reglis Deni Hi-Power, PD +801; Shadewell Ethan Allen, PD +1564; Generators Jeweler, PD +1653; Quicksilver Noble, PD +1215. Serive sires also include such great bulls as Milestones Generator, PD +1171; Quicksilvers Magic of Ogston, PD +1860; Milk n honey General, PD +1443.

Cows selling with actual records of 15,000 lbs. milk; dams with records of over 15,000 lbs. milk and 700 lbs. butterfat; up to 4.3% protein. Granddams have records up to 16,000 lb. milk

Don't miss this sale! Be in Shippensburg on July 4th!

Lunch available at sale

For catalog, call or write:
Bill and Susan Dietrich
RD #1 Box 229
Newburg, PA 17240
717-423-6758
Sale sponsored by Cumberland Valley Jersey Breeders

PENNA. FIRECRACKER
AYRSHIRE SALE

Fairgrounds - Carlisle, Pa.
WEDNESDAY, JULY 6, 1983
1:00 P.M.

Get Ready for Protein Pricing
An Opportunity to buy high testing cows & B.H.
A place to get more value for your dollar.
15 cows - Records to 15,045M 4.1% 622F.
15 B.H. Dams Records to 15,650M 4.9% 760F.
Several Young Calves

Auctioneer
A. Doty Remsburg
Jefferson, Md.

Milt Brubaker
595 Snyder Hill Rd.
Lititz, PA 17543
Ph. 717-626-5788

Lunch by 4-H Club
Free Catalogues

FARMERSVILLE AUCTION

ANTIQUE & COLLECTIBLES SALE
MONDAY, JULY 4, 1983
9:00 A.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

FURNITURE

Ornate oak hall rack; 2 mahogany 4 section bookcases; 2 Gov. Winthrop mahogany desks w/ball & claw ft.; Queen Anne inlaid sewing stand; Oriental type rug; set of 6 ½-spindle chairs; lined oak kitchen cabinet; rope bed; Bowers bed; oak chairs; 3 beveled mirrors in frames; green decorated cheese cutter rocker; child's plank bottom rocker; floor mdoel radio; round mahogany stand; upright piano; cane seat & back rocker; Victorian stand; set of 6 ice cream chairs; federal sofa; Victorian upholstered chair; blanket chest; old red stand; lg. grained dovetailed box; green wooden cabinet w/dovetailed top; sm. dry sink base; pr. porch rockers; solid oak dresser; walnut drop leaf table w/drawer; combine cupboard; Bowers bedroom suite; oak sideboards; small Victorian childs bed; baby cradle; dovetailed wood box; 3 fainting couches; iron bed & crib w/brass trim; 3 pc. wicker set; oak slant top desk; Jenny Lind bed; other furniture that needs repair; etc. etc.

QUILTS

Star; basket quilt; tulip applique & others; 3 color wool coverlet in mint condition; linens; show towel; sample; rag carpet; New afghans, 5 new quilts; 12 new quilt tops; etc.

DOLLS

Bisque 18" A.M. 390; 21" A.M. Flora Dora; 23" A.M. Queen Louise; 28" D.E.T. 154; 4" reclining bathing beauty; 4 queue San baby; composition Alexander Sonja Henie; 28" Coleman walker; 15" doll mannequin; china head 10" w/white hair part; 15" head new bye-lo-sleep eyes; 2 14" P-90's; chatty Kathy; 17" roaring twenties flapper; also lots of other plastic dolls. Reed doll coach.

MISCELLANEOUS

Trunks; crocks; hanging kerosene light; clocks; milk cans; copper kettle; Oil paintings; Springfield percussion rifle; wooden checker board; post cards; kerosene lamp; blue agate pail; brass hand bell; flow blue pcs.; hanging magazine rack; stereoviewer; tin adv. boxes; Wallace Nutting pictures; eagle head penny bank (Bennington?); 300 day clock; cookie cutters; redware; pocket knives; bottles, some local; sm. wooden dovetailed sewing box; books & children's books; iron crib; lap robes; Depression glass; copper tea kettle; walnut hanging shelf, 18th C. leather covered document box; Seth Thomas shelf clock; baskets; broad axe; 10 pcs early American Fostoria; child's iron; pr. brass candle holders; pewter coffee pot; 9 pcs. old blue willow; glow light; 26" high Roseville Jardiniere on pedestal; 2 Carnival car flower vases; pr. 14" wooden candle holders; etc., etc.

This is a very brief list

TERMS - No out of state checks
WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Second Auctioneers will start selling in second room at 10:00. Dolls & Quilts between 12:00 & 1:00.

Public Auction Register

Closing Date - Monday, 5:00 P.M
of each week's publication

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

SAT. SEPT. 24 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi. west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers.

WED. SEPT. 28 - Cliff Springs Complete Dairy Dispersal of Registered Holsteins. Located at King's Sale Barn, Landisburg, Perry Co., PA. King's Auction Service, Sale Managers. William Kent, Bergen, NY, Pedigrees.

FRI. SEPT. 30 - 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

OCTOBER

THURS OCT. 6 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. OCT. 6 - 3 PM New Holland Sale Stables 4-H Steer Sale to be held at Sales Stables, Inc., 12 miles east of Lancaster off Rt. 23 at New Holland, Pa. Abe Diffenbach, Manager

SAT. OCT. 8 - 10 AM New Holland Sales Stables Annual Fall Heifer Special to be held at Sales Stables, located 12 miles east of Lancaster off Rt. 23 at New Holland, Pa. Abe Diffenbach, Manager.

THURS. OCT. 20 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. OCT. 21 - 7 PM Public Auction of State Grade Feeder Calf. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

FRI OCT. 21 - 6.30 PM. Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc., Rt 522, 3 mi east of Middleburg, 5 mi. west of Selinsgrove, PA

WED OCT. 26 - 10 AM New Holland Sales Stables Annual Dairy Show and Sale to be held at Sales Stables, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa. Abe Diffenbach, Manager.

FRI. OCT 28 - 1 30 PM Public Auction of Fall Dairy and Heifer. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

SAT. OCT. 29 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc , Rt. 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers

NOVEMBER

FRI. NOV. 4 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

FRI. NOV. 11 - 9 AM Public Auction of Farm Equipment and Supplies to be held at New Holland Sales Stables, Inc., 12 miles east of Lancaster off Rt. 23 at New Holland, Pa. Abe Diffenbach, Manager.

MON. NOV. 12 - 3 P.M. Hubert Charolais Ranch Production Sale. Located at the ranch, Monument, KS Managed by Garey Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067.

SAT. NOV. 12 - 1 PM Southeast District 4-H Steer and Lamb Sale to be held at New Holland Sales Stables, Inc., located 12 miles east of Lancaster off Rt. 23 at New Holland, Pa. Abe Diffenbach, Manager.

THURS. NOV. 17 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. NOV. 18 - 6:30 PM. Consignment Sale of Feeder Pigs and Feeder Cattle. Held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 mi. east of Middleburg, 5 mi west of Selinsgrove, PA

FRI. NOV 25 - 1.30 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

SAT NOV. 26 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi. west of Selinsgrove, PA Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers.

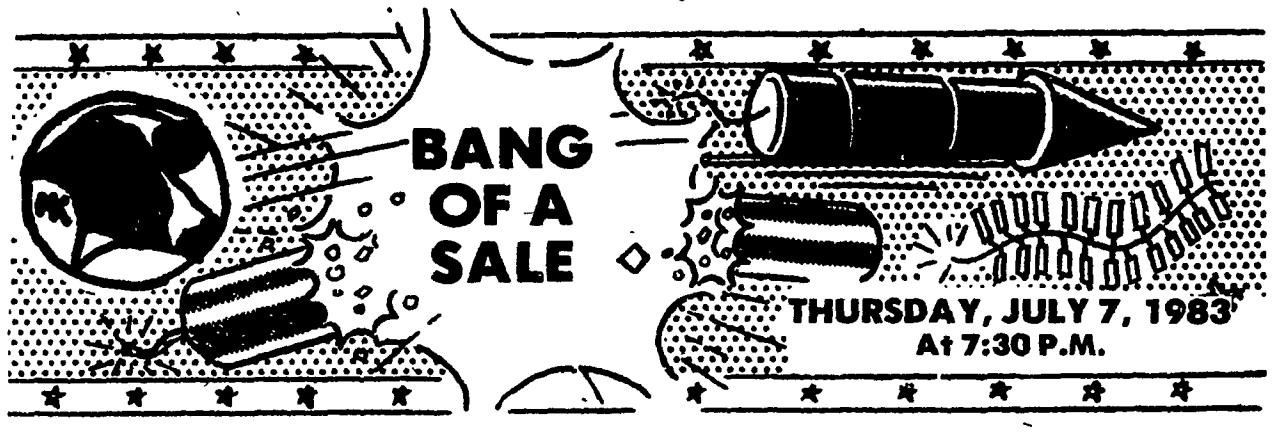
DECEMBER

FRI. DEC. 2 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

APRIL

SAT. APR. 21, 1984 - 18th Colonial Charolais Spring Sale. Located at Frederick Fairgrounds, Frederick, MD. Colonial Charolais Association Sponsors. Garey Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA, Managers.

MELVIN KOLB, INC. IS HAVING A

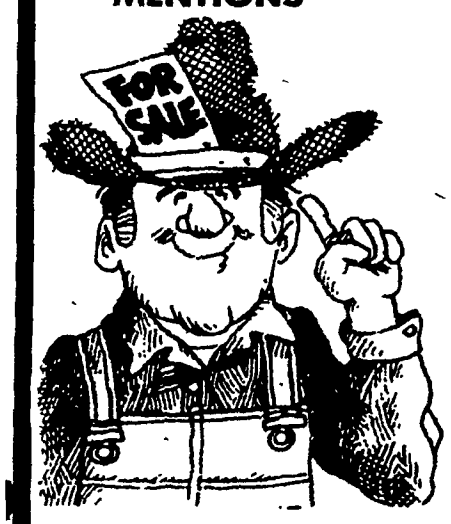


LOCATION: West of Lancaster on Dairy Road. Take Route 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Road, turn left after exiting and go to Mill, then sharp right under railroad bridge. Barn within sight of Route 283.

- 105 TOP QUALITY REGISTERED & GRADE HOLSTEINS 150 -

FARMERS: We went all out for this Special July Sale. There will be 75 Purebred cows & heifers, all just fresh or close to freshening, and some will have records and be classified, sired by some of the best bulls of the breed. Also, there will be 75 head of Grade cows from 2 to 5 years of age, selected from the very best herds.

SPECIAL MENTIONS



* A 2 yr. old CREEK-BLUFF ELEVATION LESTER dau., bred 10/9/82 to CAL-CLARK BOARD CHAIRMAN, from a GP-82 dam as 8-3 2x 348d 21432M 3.7 793F; lifetime: 123,044M 4786F, next dam as 4-00 2x 305d 13130M 4.9 644F; this is a good big heifer.
* A good big 2 yr. old MD-NEW HOPES REBEL ELEVATION dau., bred 9/30/82 to NATHAN PETE KRAHNS 9-H814, her dam as 2-07 2x 323d 18902M 3.5 665, cow index +980 +26, next dam GP-81 as 5-04 2x 365d 26164M 864F.
* A fancy 2 yr. old MOLLY CHIEF dau., bred to CARLIN-M IVANHOE BELL and will be fresh by sale day, her dam 7-01 2x 399d 23023M 4.0 951F.
* ALSO, 25 EXTREMELY TOP GRADE COWS FROM NEW YORK, MILKING FROM 80 to 100 LBS. PER DAY. THESE COWS ARE SOME OF THE BEST WE HAVE EVER HAD FOR A SALE!

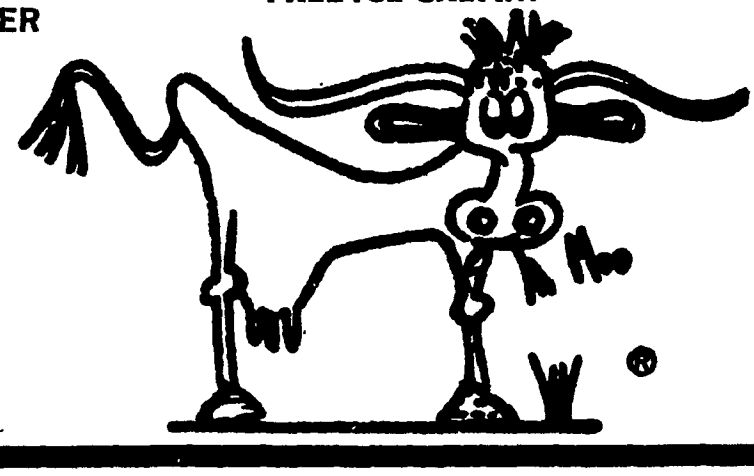
FARMERS, if you need good cows, please do not miss this Special July Sale.

FREE LUNCH FOR ALL DAIRY FARMERS

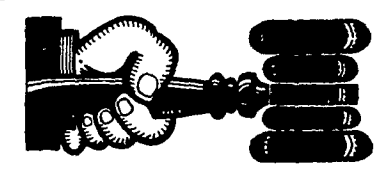
DOOR PRIZE — Purebred Heifer Calf
Must Be A Buyer To Be Eligible & Present To Win

Immediately following sale
FREE ICE CREAM

FREE TRANSPORTATION FOR LANCASTER COUNTY AMISH: Please call 569-2106 or 569-6800 for a ride to the sale.



MELVIN KOLB, Sale Manager
ROBERT C. MULLENDORE, Auctioneer
HENRY KETTERING, Pedigrees
MARVIN ESHLEMAN, Clerk
PA FARM: Dennis Kolb, Manager
MD FARM: Thomas Miller, Manager



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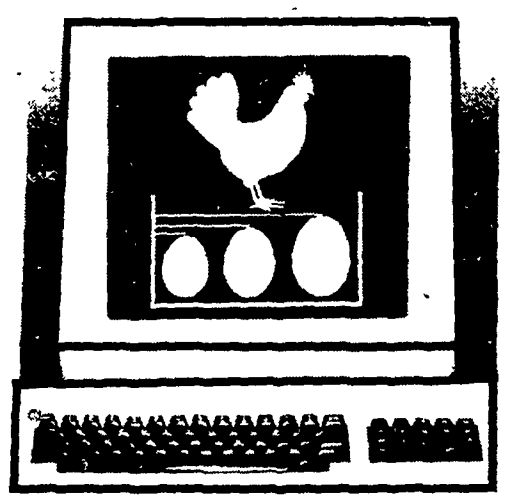
We are now listing Fall Sales.



NOW YOU CAN CONTROL EGG SIZE TO IMPROVE PROFITS ®

PROGRAMS FOR PROFITS

Why control egg size.

Eggs are sold in the U.S. in a unique combination of very specific minimum egg weight classifications, but with a wide weight range within each class for which the same price per dozen is paid. Further, there is a strong consumer demand for eggs in the "Large" classification — a demand that does not match well the hen's biological capacity of producing that single egg size.

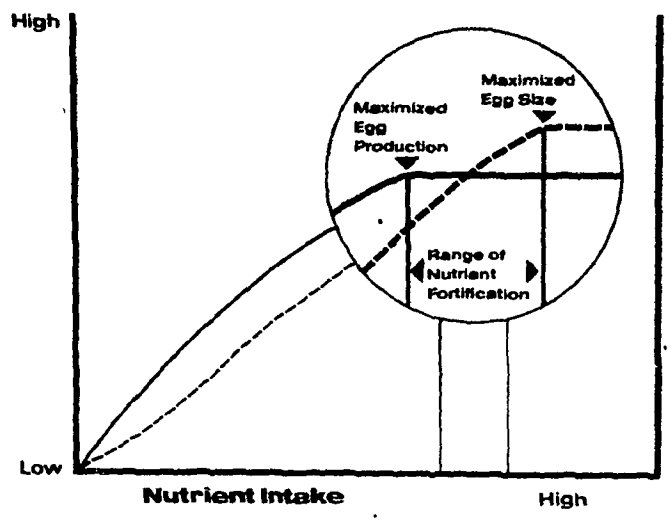
Even when hens are producing mostly eggs in the Large classification, you could be selling up to 13% more product by weight (the range from 24-27 ounces per dozen) and not receiving a cent more.

To maximize profits it is necessary to move eggs out of the Small and Medium classification to the Large size. Further, Extra Large and Jumbo classes should be avoided because of additional feed costs and egg breakage. Only if a large premium for the larger classes is paid (a rare situation) should these egg sizes intentionally be produced. Generally, minimizing egg weights to just over 24 ounces is most profitable.

How maximizing production while controlling size is possible.

Purina nutritionists have found the nutrient needs of hens are higher for maximum egg weight than for maximum egg production. Shifts in fortification can be made that will increase or decrease egg weights ½ lb./case while maximizing egg production.

Production rates increase until sufficient amino acids are consumed to allow hens to reach their maximum genetic egg production capacity. However, egg size continues to increase with further amino acid intakes until the genetic capacity



potential for maximum egg weight is finally achieved. This nutritional concept allows you to modify egg size, while maximizing production rates.

Nutritional accuracy

To regulate egg size without reducing production rates there must be very accurate ration formulation.

Accurate nutrient standards for today's high-producing hens must be set. The usable nutrients in ingredients must also be determined.

Some nutrients in all feed ingredients remain undigested and/or unavailable to the bird. The quantity of usable nutrients depends upon the ingredient, processing methods and other factors. Obviously, it is critical to accurately know the amount of usable nutrients there are in any feedstuff.

To increase the accuracy of Purina's knowledge of biological availability, new techniques were implemented. These new techniques, developed by Canadian researchers, were refined by Purina Research. These new procedures developed during the past five years give True Metabolizable Energy (TME) and True Amino Acid Availability (TAAA) values.

True metabolizable energy system is an important breakthrough for ration formulation. It is the best indicator of the energy that is truly usable by the pullet or hen. It is a very rapid system which permitted Purina to reevaluate every feedstuff used in Accu-Line rations. This means that Purina energy values accurately reflect the usable energy in the ingredients Purina uses to manufacture Accu-Line rations.

Other feed companies continue to formulate rations using published tables for various feed ingredients. These may not accurately reflect current values.

Purina places great emphasis on accurate energy values. Energy is used in all body functions and egg production. It also governs how much hens will eat. When energy requirements are met, birds will stop eating — whether or not they have consumed enough amino acids, minerals and vitamins for maximum performance.

Having accurate energy values is the foundation of precise ration formulation. If the actual energy value is different from the theoretical energy value used in formulation, one of two things will happen:

1. Performance will be reduced because of underfortification of amino acids, vitamins and minerals.
2. Added costs result from an excess amount of these same nutrients that were added to balance an incorrect energy level.

True available amino acid values are equally important. The more accurate Purina knowledge of the usable amino acids in the feed ingredients, the more accurately they can be balanced to the usable energy in the feed.

As a result of these new values, Purina Accu-Line Laying rations can be made from the most efficient combination of ingredients available. The rations accurately supply the hen's daily nutritional needs at the best value possible to Purina customers.

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